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ESTABLISHED 1857.

SPOONER'S
Gardening
Guide



AND



SEED CATALOGUE

FOR

1881.

Spooner's Choice Flower Seeds.

FOR EXHIBITION,

Try Them.



FOR DISPLAY,
Try Them.

BALSAM, CAMELLIA FLOWERED. No. 107.

Every farmer or cultivator of land, on however small a scale, should take one or more of the best and most progressive Agricultural and Horticultural Papers or Magazines. A selection from any of the following will be found desirable:

AMERICAN AGRICULTURIST.....	Monthly.....	New York, N. Y.
LADIES' FLORAL CABINET.....	Monthly.....	New York, N. Y.
GARDENER'S MONTHLY.....	Monthly.....	Philadelphia, Pa.
COTTAGE HEARTH.....	Monthly.....	Boston, Mass.
THE CULTIVATOR AND COUNTRY GENTLEMAN.....	Weekly.....	Albany, N. Y.
RURAL NEW YORKER.....	Weekly.....	New York, N. Y.
THE AMERICAN CULTIVATOR.....	Weekly.....	Boston, Mass.
FARM AND FIRESIDE.....	1st and 15th of each month.....	Springfield, Ohio.

SOME EXPERIENCE IN HARDY ROSE CULTURE;

Or, Rose Growing Simplified.

AN ESSAY BY

WILLIAM H. SPOONER,

Chairman Plant and Flower Committee, Massachusetts Horticultural Society.

Read before the *Massachusetts Horticultural Society*, Boston, Mass., January 8th, 1881,
The *Worcester County Horticultural Society*, Worcester, January 27th, 1881,
With some additional notes.

The above Essay mailed free to every purchaser of \$1 worth of seeds.

☞ A List of Hybrid Perpetual Roses, budded upon the Manetti Stock, fine imported Plants, will be mailed free to applicants about April 1.

☞ Some varieties of vegetable seeds are quoted at higher rates this season, such as Wrinkled Peas, Cabbage, Celery, Onion and Turnip seed, the long-continued drought of the past season seriously lessening the seed harvest.

SPOONER'S Illustrated Gardening Guide, AND SEED CATALOGUE.

A WORD TO PURCHASERS.

All my seeds are carefully tested before sending out, to prove their germinating qualities ; they are grown on my own grounds, or by skilled French, German or American cultivators.

Seeds and Bulbs Free of Postage.—The present postal law authorizes the sending of seeds and bulbs to all parts of the United States at the rate of one cent per ounce. It matters not how many varieties are sent, provided the weight does not exceed four pounds ; if larger lots are wanted, they can be divided into four pound parcels ; this arrangement enables persons in distant parts of the country to obtain seeds and bulbs as cheaply as our nearest neighbors, as I pay the postage here and guarantee the safe arrival of the goods at their destination. The exceptions to this rule are when *Grass Seed*, or heavy goods are ordered by the pound, quart, peck or bushel, or in *articles at special quotations*.

By Express.—We can frequently send mailable parcels as cheap by express as by mail, and prefer to do so when just as convenient to purchasers, in which case we pay express charges. Customers will please name their nearest express office, and if convenient to receive goods in this way ; but we desire to have it clearly understood that we do not agree to *pay transportation* charges on heavy articles quoted by the *pound, quart, peck, etc.*, unless the cost of the same, 16c. per pound, or 20c. per quart extra, is remitted with the order.

To Prevent Mistakes.—Please write *full Name, Town, Country and State*, plainly. We frequently receive orders with neither name nor address, and all such have to wait the sender's complaint that his or her seeds have not come to hand.

The Safe Arrival of Goods Guaranteed.—I guarantee the safe arrival of packages in good condition to my customers ; if not received by them in seasonable time, I will, upon being notified, and receiving a duplicate of order, with date, refill the same without additional expense to customers ; as my desire is to deal honestly with all who may favor me with their patronage, without giving them any more expense or risk than if purchasing from a neighbor.

How to Order.—In ordering flower seeds or gladiolus, it is only necessary to write the number, which is a great saving of time and labor to both the purchaser and ourselves. In ordering vegetable seed, it will be necessary to mention the variety. Please be particular to WRITE THE QUANTITY PLAINLY.

HOW TO SEND MONEY.

With the following precautions in sending money it can be sent at MY RISK AND EXPENSE, by POST OFFICE MONEY ORDER, costing from 5c. to 25c., and perfectly safe. All offices are not authorized to issue them. DRAFTS ON NEW YORK OR BOSTON, costing about 25c. Most banks issue them. REGISTERED LETTERS.—All postmasters are obliged to register when requested to do so. Enclose the money in your letter in his presence, and take his receipt ; it costs 10c. When remittances are made in conformity with above directions they can be sent at my expense by deducting cost from amount sent, for orders of \$1.00 and upwards.

My Guarantees.—With the terms which I propose to purchasers, it will be seen there is absolutely no risk in sending to me for seeds. 1st, I warrant that all money sent as previously directed shall reach me safely. 2nd, That all goods bought of me shall reach the purchaser in good order and condition. 3rd, If any seeds purchased of me are not as represented, I will replace them with other seed, either this season or next, free of charge.

Or, in other words, I guarantee everything but the *crop*, that I clearly cannot do, there are so many causes to affect the latter from peculiarities of season, soil, or mode of culture, that are entirely beyond my control. ORDERS PROMPTLY EXECUTED. Address,

P. O. Box 3125.

WILLIAM H. SPOONER, Boston, Mass.

Office and Gardens—Centre, near Boylston St., Jamaica Plain District.

HORSE CARS FROM TREMONT HOUSE.

HINTS ON THE SOWING OF SEEDS.

Annuals, though largely grown on account of the convenience of having them so quickly in bloom after sowing, have come into some disfavor through their supposed fugacious habit. It is easy to show, however, that much of the ephemeral quality is due to errors on the part of cultivators rather than to the nature of the plants. To cultivate Annuals properly they should have the same care as Geraniums, Verbenas, or such like, especially in the fact of giving them room to grow in. The too common practice of sowing Annuals as thickly as mustard and cress, and leaving them thus huddled together in a dense mass, produces, it is true, a rapid effect in the speedy production of flowers; but the plants are soon exhausted and wither away. The remedy is obvious: they must be "thinned out," or planted out at a fair distance from one another, and with room to produce both root and leafage. The blooms will come in due time, upon handsome and well-furnished plants, and continue to encourage the cultivator, more or less, throughout the whole summer.

Hardy Annuals may be sown out of doors as soon as open weather has fairly set in, about May, or beginning of June. From this time outwards to the end of early summer rains, sowings may be made. Sow thinly on finely raked soil; as the plants rise, thin them out carefully, until they stand ultimately at a sufficient distance from each other to allow of the growth peculiar to the species. Tall or spreading kinds will require to be eight to twelve inches apart; smaller kinds of course, less—say three to eight inches.

Half-Hardy Annuals are those which, being of a tenderer nature than the above, will not germinate in soil at so low a temperature. They, therefore, need to be raised under glass, or some protection, or their sowing deferred until the out-door temperature is sufficiently high. This is usually the case from the end of May to middle of June.

Biennials and Perennials for out-door culture, are best sown in the open ground in June or July; rainy, moist weather should be chosen, and their management will then be of the easiest and simplest kind. When large enough to handle, plant the seedlings out, either at once into the quarters where the plants are to remain, or into some spot out of the way, to be ultimately transferred as required into the position they are to occupy, if possible, not later than September or October. Many of these if sown early under glass and transplanted will bloom the first season from seeds.

Greenhouse or Stove Plants raised from seed are treated in the way above described, but in the hot-bed for the first stage. The greater the amount of heat, with proportionate moisture, the better for stove kinds; when up and large enough, they are potted off, either at once singly, or several together, with another shift later. Ultimately, they occupy positions singly in pots, in the stove or greenhouse as the case may be.

Sowing should never be done upon soil in a very wet condition. As a general rule, the surface should be rather dry than wet. Seeds should never be sown too deep; this is a fertile cause of failure with the inexperienced. A depth of about twice the average diameter of the seeds themselves is a good general principle to follow in this respect. This will bring the majority of seeds but just under the surface, and some of the very finest will not be actually covered at all, but just sprinkled over the surface and a little pressure applied. This is quite sufficient. As a rule, the more thinly the seeds are strewn the better. If seeds are sown in dry weather, water must be given from a fine rose water pot, and unless rain comes, must be followed up regularly every day or two, as it is certain to be fatal to seeds just sprouted if absolute drought should overtake them. It is obvious that moist and rainy weather is the best for seed sowing. If the water-pot is used, it must be done with judgment. An excess of moisture is as harmful as too little, and will produce decay. *The seedsman repeatedly gets blame for the non-growth of seeds when the failure is entirely attributable to neglect of the above precautions.*

An English cultivator suggests the following theory for germinations: "Sow your seeds in the usual way, only cover up and keep in total darkness until they begin to peep above the soil, then gently and gradually expose them to the light; the success of all good seed will follow, and become a lasting practice and benefit."

SPECIAL PREMIUMS TO FORMER PATRONS.

Any of my former patrons sending me the name of a new customer, with order to the amount of \$1.00, or upwards, enclosing the sum as before directed, can select in addition to such order, seeds in packets to the amount of one-half the order so sent. *I make this liberal offer feeling sure my old customers will be glad to help me extend my business in their neighborhoods.*

Evidence of Quality.

I have never had as good a garden as the year I bought seeds of you. I received your new Guide which I was glad to see; enclosed please find an order.

Yours respectfully,

L. S. G.

WASHOE CITY, March 1, 1879.

THE FORMATION OF CLUBS.

Desirous of extending the cultivation of my flower and vegetable seeds as extensively as possible through the country, and knowing there may be persons in a neighborhood who will not take the trouble, perhaps, to get my Catalogue, and send for seeds, I offer the following inducements to those who wish to purchase largely, or for the formation of clubs, by which a great saving can be made. The seeds will be forwarded, BY MAIL, POSTPAID to one address, or in separate packages, and mailed to the address of each individual forming the club, on receipt of the price.

Persons sending \$1.00 may select seeds in packets, amounting to \$1.25
" " 2.00 " " " 2.60
" " 3.00 " " " 3.90
" " 4.00 " " " 5.50
" " 5.00 " " " 7.00
" " 10.00 " " " 14.50
" " 20.00 " " " 30.00

The above premiums apply only to Flower and Vegetable Seeds, in RETAIL PACKETS. and I desire it to be distinctly understood that Seeds quoted by the ounce and pound are *not* included, neither are Bulbs and Plants.

I have the following collections put up to accommodate persons not familiar with the different varieties, on which a very large discount has been made:

Collection A contains thirty varieties of choice Annual Flower Seeds,	per mail, \$.90
" AA " fifteen " " " " "	.50
" B " twenty-five " " Biennial & Perennial Flower-seeds" " "	1.00
" BB " twelve " " " " "	.50
" C " twenty-five " " Selected Vegetable Seeds, " " "	1.00
" CC " twelve " " " " "	.50

The above collections will be included in club rates.

FLOWER SEEDS IN COLLECTIONS.

The following are imported seeds, and include only the best known varieties, carefully saved from the purest stocks and finest quality, extra double flowers. THEY ARE IMPORTED IN SEALED PACKETS, and are unsurpassable.

825. ASTERS. —Truffaut's Peony-flowered perfection, eighteen splendid varieties	\$1.00
826. " " " " twelve " " ".75	.75
834. " Dwarf Chrysanthemum, eight varieties, large flowered.....	.60
835. " Victoria, twelve varieties, large flowered, very fine.....	.90
828. " Imbricated Pompon, twelve varieties, very fine for bouquets.....	1.00
870. HOLLYHOCK. —Chater's. Twelve English prize varieties.....	1.10
1077. " Six " " ".60	.60
1078. MARIGOLD African and French, ten varieties.....	.50
873. PANSY. —Large flowering German, twelve varieties.....	.90
849. STOCKS. —Large flowering German, Ten Week, robust habit of growth, free flowering, twelve varieties.....	.75
854. " Branching German, Ten Week, fine, one of the best for bouquets, eight varieties.....	.60
883. TROPAEOLUM LOBBIANUM , tall, twelve choice varieties, with brilliant flowers.....	.70
883a. " MAJUS (Tall Nasturtium), twelve choice varieties, splendid..	.60
882. SWEET PEAS —Ten beautiful varieties50
884. ZINNIA elegans , double, ten varieties.....	.70
1081. SPECIAL. —I will forward <i>one ounce</i> of my celebrated Nasturtiums and Tropaeolums , tall varieties, the two classes mixed, for 35 cents.	

Evidence of Quality:

The Gladiolus which I had from you last year were all very beautiful, and a fine collection for the mixed ones.

DELHI, NEW YORK, March 30, 1879.

MRS. C. E. H.

The seeds I had of you last year were excellent, especially the new Queen onions

MRS. B. S. T.

We received the last package of seeds all right. We are well pleased with all the seeds you have sent us, and they have proved to be just what we ordered. Yours, F. S. WORTHEN & SON, Manchester, N. H.



CONVOLVUS MAURITANICUS. No. 252.



PORTULACA. (From Double Varieties.)

SPOONER'S



ALPHABETICALLY ARRANGED.

The information so briefly given with regard to duration, hardiness, and height of each plant is only approximative, as the local characteristics of soil or climate, North or South, or their cultivation in pots under glass, will vary in these respects.

Explanation of Abbreviations Employed.—A., Annual; B., Biennial; Bb., Bulb; C. Climber; E., Evergreen; G., Greenhouse; H. Hardy; Her., Herbaceous; H. H., Half-Hardy; St., Stove; S., Shrub; P., Perennial; T. Tender.

	Price per Pkt.	No.	Price per Pkt.
1. Abobra viridiflora , H. H. P., a fine ornamental foliage climber.....	10		Amaranthus , showy plants, desirable chiefly for their ornamental foliage.
2. Abronia , neat dwarf-trailing plants, with verbena-like clusters of flowers; they are profuse bloomers, making a desirable feature of the flower garden throughout the summer; peel off the husk before sowing the seed, plant in light sandy soil.		24.	bicolor , H. H. A., leaves crimson.....
3. umbellata , H. H. P., rosy lilac, white eye	5	25.	bicolor ruber , H. H. A., fine rich foliage.....
4. Acroclinium , an elegant annual everlasting flower, resembling the Rhodanthe manglesii, but larger, fine for winter bouquets.		27.	cruentus , (<i>Prince's Feather</i>), H. H. A. dark purple, erect flowers, 2 feet.....
5. roseum , H. H. A., beautiful flowers, silvery rose, 18 inches.....	5	30.	salicifolius , (<i>Fountain Plant</i>), H. H., A., plant pyramidal, leaves long, narrow and wavy, 2 feet.....
6. album , white.....	5	31.	tricolor , (<i>Joseph's Coat</i>), H. H. A., red, yellow and green foliage, 2 feet.....
7. Adlumia cirrhosa , H. A., (<i>Mountain Fringe</i>), a graceful climber, flowers pink and white in clusters, enormous grower, 15 feet.....	10	32.	Ammobium alatum , H. A., pretty, yellow and white, 1 $\frac{3}{4}$ feet.....
8. Ageratum , H. H. A., desirable for beds or borders, free flowering.			Anemone , beautiful early spring flowering plant; soak the seed in moist soil until they sprout, when they should be planted.
9. album , white, 3 feet.....	5	38.	coronaria , H. A., choice mixed.....
10. mexicanum , lavender blue, 1 $\frac{1}{2}$ feet...	5		Antirrhinum , (<i> Snapdragon</i>), handsome free flowering border plants, hardy perennials, blooming the first season if sown early.
11. Agrostemma , pretty, free blooming plants, desirable for cutting.		45.	Tom Thumb , finest dwarf mixed.....
12. cœli rosea , H. A., rosy purple, 1 foot.	5	46.	finest mixed , tall growing varieties... 5
13. Alonsoa , free flowering plants for the garden or house.			Aquilegia , (<i>Columbine</i>), valuable plants for flower borders and rock work; pretty for cut flowers, blooming in the spring.
14. grandiflora , H. H. A., large flowered, bright scarlet, 2 feet.....	5	48.	alba plena , H. P., double white.....
15. Alyssum , (<i>Sweet Alyssum</i>) pretty, free blooming plants for borders or house.		49.	caryophylloides , H. P., magnificently striped
16. odoratum , H. A., white, in clusters, very sweet, 1 foot, per oz. 50 cents.....	5	50.	chrysanthia , H. P., from the Rocky Mountains, rich golden yellow.....
17. Wiersbeekii , H. P., white and yellow, blooms the first season, 1 foot.....	5	51.	cœrulea , H. P., from the Rocky Mountains, blue and white, beautiful.....
		53.	glandulosa , H. P., true, large blue and white flowers.....
		1033.	vera , H. P., large blue, very beautiful 10



DWARF CHRYSANTHEMUM ASTER. No. 77.



AGERATUM. No. 11.



COCKSCOMB. No. 182.



AQUILEGIA. No. 54.



BALSAM. No. 112.



CALCEOLARIA, HYBRID NANA. No. 136.

SPOONER'S GARDENING GUIDE.

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No.		Price per Pkt.	No.		Price per Pkt.
54.	Aquilegia Skinneri , H. P., orange, scarlet and crimson.....	5	117.	Bachelors' buttons , (<i>Centaurea Cyanus</i>), a showy, hardy annual in a great variety of colors, 2 feet.....	5
55.	mixed , double varieties	10	118.	Bellis perennis , (<i>Double German Daisies</i>), H. H. P., border or pots; yields a good percentage of double flowers.....	20
56.	Argemone , free blooming plants with large flowers, resembling a single poppy.		119.	Begonia hybrida , S. P., finest mixed 20	
58.	grandiflora , H. A., large white flowers. 5		974.	tuberous rooted , mixed, slow in ger- minating, fine for bedding.....	25
59.	mexicanum , H. P., yellow, fine..... 5		122.	Brachycome iberidifolia , (<i>Swan River Daisy</i>), H. H. A., very pretty, light blue, and white flowers mixed, 8 inches	5
60.	Aristolochia Siphon , H. P., (<i>Dutchman's Pipe</i>), a beautiful climber with im- mense leaves, curious shaped yellow and brown flowers, resembling a pipe, 30 feet, 15			Browallia , exceedingly pretty plants for the house or for summer bedding.	
61.	Aster , is one of the most popular annuals in cultivation. It delights in a deep rich soil, is benefited by a mulching of ma- nure, the seed can be sown in a hot-bed or cold frame, the plants are easily trans- planted to the open border.		124.	elata , H. H. A., blue, white centre.... 5	
63.	German quilled , mixed.....	5	125.	— alba , white.....	5
64.	— Boltze's dwarf bouquet , very free flowering, 8 inches.....	10	126.	Cacalia coccinea , (<i>Tassel Flower</i>), H. H. A., scarlet, fine for borders, 18 inches	5
66.	pyramidal dwarf bouquet , the plant forms a complete bouquet of flowers 10		132.	Calendula , (<i>Cape Marigold</i>), La Froust, H. A., free flowering, double nankeen colored.....	5
67.	Truffaut's peony-flowered per- fection , beautiful large flowers, petals reflexed, in bright rich shades, 18 colors mixed.....	10	133.	pongei fl. pl. (<i>Hybrid Marigold</i>), H. A., double white.....	5
69.	imbricated pompon , very fine, almost globular formed, excellent for bouquets, 10 colors mixed.....	10		Calceolaria , brilliant flowered plants for conservatory for spring or summer dec- oration, the dwarf section is very dis- tinct and attractive.	
70.	tall chrysanthemum flowered , large flowers, 10 colors mixed.....	10	134.	hybrida grandiflora , H. H. H., very large rich colored flowers, mixed colors, 20 inches.....	20
72.	rose , large flowered, beautiful pyramidal flower, brilliant colors, 2 feet.....	10	136.	— — nana, dwarf , spotted, com- pact habit.....	50
76.	Giant Emperor , enormous flowers, pyramidal formed, brilliant colors, 2 feet 10			Calliopsis or Coreopsis , a useful showy class of plants of rapid growth, effective in mixed beds or borders, of rich and striking colors.	
77.	dwarf chrysanthemum flow- ered , a splendid variety of compact habit, very dwarf with large flowers, 12 colors mixed.....	10	142.	mixed varieties	5
78.	New Victoria , a splendid variety about 18 inches high, robust and compact, very large double flowers, mixed.....	10		Callirhoe , handsome, saucer-shaped flow- ers, free blooming, for bedding or mass- ing ; steep the seed before sowing.	
1070.	mixed, double, various colors.....	5	144.	pedata nana , H. H. P., rich velvety crimson, white eye, 1 foot.....	5
104.	Balloon Vine , H. H. A., (<i>Cardiosper- num</i>), flowers white, with inflated cap- sules, 4 feet.....	5		Campanula , well-known and beautiful plants; if sown early many of them will bloom the first season.	
	Balsam , an old and popular half-hardy annual, producing an abundance of large double flowers; plant in a deep rich soil, start seed in a frame.		146.	carpathica , H. P., light violet, large erect flowers, 1 foot.....	5
105.	atrosanguinea plenissima , H. H. A., splendid blood red.....	10	148.	grandiflora , blue, fine variety, 2 feet..	5
106.	camellia-flowered , German, very double, rich colors spotted, mixed, 2 feet 10		149.	loreyi , H. A., blue and white mixed, 1 foot	5
108.	— white, excellent for florist's use, 2 feet.....	10	152.	pyramidalis , H. P., blue and white mixed, 3 feet.....	5
111.	rose-flowered , very fine, very double, mixed colors, 2 feet.....	10	154.	Canary Bird Flower , H. H. A., (<i>Tropaeolum Canariense</i> or <i>peregrinum</i>) a popular climber, with beautifully fringed rich yellow flowers. Per oz. \$1. 10	
112.	solférino , white striped and spotted carmine, beautiful, 18 inches.....	10		Candytuft , very useful hardy annuals for garden or house, sow seed where the plants are to bloom.	
115.	double mixed varieties, some semi- double flowers.....	5	155.	fragrant , pure white, sweet, fine, 1 foot	5
			156.	lilac , bluish lilac, 1 foot.....	5
			157.	purple , 1 foot.....	5



ASTER, PÆONY-FLOWERED. No. 67.



ASTER. No. 69.



CHIRYSANTHEMUM. No. 211.



CLEOSIA CRISTATA VARIEGATA. No. 183.



CANNA. No. 161.



CAMPANULA CARPATICA. No. 146.

No.		Price per Pkt.	No.		Price per Pkt.
158.	Candytuft rocket , pure white, in long spikes.....	5	191.	Centaurea , very desirable for beds and borders, start early under glass.	
159.	Dunnett's , dark crimson, beautiful, 1 ft	5	192.	clementei , H. P., robust species, silvery foliage.....	20
160.	white , 1 foot.....	5	193.	candidissima , H. H. P., fine silvery foliage, broad cut leaf.....	20
1037.	various colors mixed, 1 foot, per oz. 25 cents.....	5	194.	gymnocarpa , H. A., very graceful, silvery gray foliage.....	15
	Canna , (<i>Indian Shot</i>), a half-hardy perennial, but if sown early will bloom the first year. Cannas are very effective for giving a tropical aspect to gardens; soak the seed 24 hours, or until sprouted, before planting.		202.	Chelone barbata coccinea , this plant forms a tall summer growth of six or seven feet, with graceful spikes of brilliant scarlet flowers.....	5
161.	compacta elegantissima , H. H. P., large, reddish yellow, 2 feet.....	10	208.	Chinese primrose (See <i>Primula</i>), finest mixed.....	50
162.	indica , H. H. P., red, 2 feet.....	5		Chrysanthemum , an old well-known plant. The annual varieties are desirable for summer flowering in the garden, and for pot culture, quite distinct from <i>Indicum</i> , the brilliant hardy perennial autumn flowering sorts.	
165.	Warcewiezii , H. H. P., crimson purplish foliage, 3 feet.....	10	1041.	single mixed , H. A.....	5
166.	fine mixed , per oz., 60 cents.....	10	211.	double , yellow	5
	Canterbury Bell , the well-known popular bell-shaped flower of great beauty, free flowering, hardy biennials.		212.	—white.....	5
174.	double mixed all colors.....	5	214.	Indicum , H. P., large flowered double varieties.....	10
175.	single mixed all colors	5	215.	—nanum , (<i>Pompon</i>), very double....	10
170.	new form , mixed (<i>Campanula Calycanthema</i>), blue and white, singular and pretty.....	10		Cineraria , a popular greenhouse plant, blooming during the winter and spring, sow the seed in the spring for winter blooming plants, and in mid-summer for a later bloom.	
	Carnation , universal favorites, from their great beauty, delicious fragrance, and simple culture. They can be sown in the open ground in May; in the autumn the plants should be lifted and kept in a cool cellar. Plants grown from seed are usually more floriferous than those grown from cuttings; generally produce about 75 per cent. double flowers.		216.	hybrida , G. P., saved from fine varieties	25
178.	finest Italian mixed, H. H. P.....	25	218.	maritima candidissima , H. H. P., splendid silvery foliage.....	5
180.	English mixed, H. H. P.....	10	219.	maritima , H. H. P., handsome white foliage.....	5
181.	Catchfly , (<i>Silene</i>), H. A., pretty free blooming plants for beds or borders, of easy culture, fine mixed.....	5	976.	Acanthifolia , new, silvery leaved, delicately cut, a great acquisition for borders	10
	Celosia , or Cockscomb, half-hardy annuals, are pretty and curious plants for the garden and for pots; the seed should be sown early in a frame, and treated with the most liberal culture. A very fine foliage plant.		210.	Clarkia , very pretty garden plants growing in any common soil; sow in the early spring or fall.	
182.	cristata , fine crimson, 1½ feet.....	10	222.	single varieties , mixed.....	5
183.	— variegata , splendidly variegated very large heads, crimson and gold.....	10	1040.	double varieties , mixed.....	5
185.	aurea pyramidalis , fine golden color	10	224.	Clianthus Dampieri , (<i>Glory Pea</i>), G. S., this splendid plant from Australia, has flowered finely when sown early in a frame, otherwise treat as a greenhouse biennial, splendid dark red and black pea-shaped flowers, very effective.....	20
186.	coccinea pyramidalis , crimson feathered.....	10		Clintonia , an elegant dwarf densely compact growing plant, vying with <i>Lobelia Erinus</i> , in beauty and brilliancy of color. It is finely perfumed.	
187.	cristata Kermesina Tom Thumb, 5 to 6 inches high, forming large heads of crimson flowers.....	10	1042.	mixed colors	5
188.	nana , Copper Chamois, splendid.....	10	229.	Cobea Scandens , H. H. P., of very rapid growth, with bell-shaped flowers beautiful foliage. Sow the seed edgewise, covering with light soil. Per oz. \$3.	10
189.	Huttonii , a splendid bedding plant, beautiful claret-colored foliage.....	10			
1038.	japonica , (<i>New Japanese Cockscomb</i>), very beautiful.....	10	495.	Convolvulus Major , H. A., (<i>Morning Glory</i>), rapid growers, with handsome flowers in beautiful colors, grow anywhere, 15 feet, fine mixed, per oz. 20 cts.	5
1039.	cockscomb , mixed.....	5			



ASTER VICTORIA. No. 78.



LARKSPUR. No. 421.



CAMPANULA NOBILIS. No. 151.



GOURD. No. 362.



CLINTONIA.

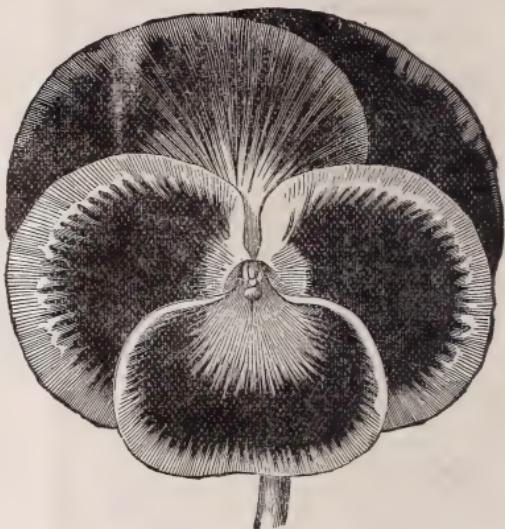


LINUM. No. 435.

No.	Price per Pkt.	No.	Price per Pkt.
Convolvulus , (<i>Dwarf Morning Glory</i>), are free flowering showy dwarf trailing plants, producing a brilliant effect.		Dianthus Sinensis , (<i>Chinese or Indian Pink</i>), are among the most beautiful bedding plants from seed. If sown early under glass and planted out, will bloom from June to late autumn, or sown in May in the open ground will soon make a fine display. The flowers range in all colors from white to deep crimson and lilac.	
246. tricolor minor , H. A., mixed colors	5	285. dentosus hybridus , plants of dwarf, compact habit, suitable for edgings, rock-work, mixed colors.....	10
252. — mauritanicus , H. H. P., violet blue for rockwork or baskets, profuse bloomer	10	286. chinensis , H. B., single mixed, many colors, showy for bedding.....	5
253. — cantabricus stellatus , H. H. P., pink, white star in centre, for beds or hanging baskets.....	10	287. — double mixed, various colors, good percentage of double flowers.....	5
257. Cucurbita lagenaria gigantea , Sugar Trough Gourd. See Gourd.....	10	288. — white, pure white, 1 foot.....	5
Cyclamen , beautiful plants with elegant variegated foliage, and very attractive flowers. They are plants of easy culture, profuse bloomers from November until May. Seed sown the last of January will produce nice plants and flower in November, if kept in a vigorous state of growth from the start.		289. gardnerianus , H. B., fine fringed double flowers, crimson of various shades, fragrant, blooming the first year.....	5
261. persicum , G. B., mixed fine.....	25	290. hedewigii , H. P., Japanese varieties, flowers very large in the richest variety of colors, mixed.....	5
262. — grandiflorum , Welch and Edmond prize strains	50	291. — fl. pl., double in above shades, very showy mixed.....	10
Cypress Vine , H. H. A., (<i>Ipomea Quamoclit</i>), delicate fern-like foliage, with a profusion of star-shaped flowers, should not be sown very early out of doors, soak the seed before sowing.		292. diadematus , fl. pl., (<i>Diadem Pink</i>), double, in many shades of color, plants of dwarf compact habit.....	10
265. scarlet	5	977. atropurpureus , fl. pl., double, very large dark blood-red flowers....	10
267. white	5	294. laciniatus , H. B., very large and beautifully fringed flowers, finest mixed colors	5
268. fine mixed , per oz. 50 cents.....	5	295. — fl. pl., saved only from the finest double varieties, beautiful colors, mixed. 10	10
Datura , this is an easily grown plant, remarkable for its fine foliage and immense trumpet-shaped flowers. Sub-tropical in effect, flowers the first year from seed if sown early. Preserve in sand during the winter in a dry cellar.		1043. — striatus , fl. pl., a large double variety with white flowers, striped and streaked in various shades, mixed.....	10
275. fastuosa huberiana , fine varieties, mixed double.....	10	293. imperialis , fl. pl., H. A., (<i>Double Imperial Pink</i>), beautifully variegated, finest mixed.....	10
276. metcloides , or Wrightii, white bordered lilac, sweet scented, in bloom from July to November, 2 feet.....	5	1044. — fl. pl., double white.....	10
Delphinium , commonly known as Larkspur, is a useful free flowering plant; if sown early will flower the first season.		1045. — purpureus striata , white striped, purple.....	10
281. elatum , (<i>Bee Larkspur</i>), blue dark eye	5	296. plumarius , H. P., (<i>Pheasant's Eye</i>), pretty single pinks, with white flowers and fringed edges, 1 foot.....	5
282. formosum , H. P., dark blue and white fine spikes	5	297. Didiscus caeruleus , H. H. A., lavender blue, pretty plant from Australia.....	5
283. nudicaule , H. P., scarlet, very fine....	10	Erysimum , showy free-flowering plants, with clusters of fragrant orange or yellow flowers, resembling a wall-flower.	
284. imperialis , pl., (<i>Emperor Larkspur</i>), very fine, of symmetrical growth, brilliant colors mixed.....	5	312. arkansanum , H. A., yellow 1½ feet	5
976. cashmerianum , (<i>New</i>), large flowers, dwarf habit, color rich light purple, shaded dark blue.....	15	313. perofskianum , deep orange, showy, 1½ feet.....	5
Digitalis , (<i>Foxglove</i>), an ornamental and showy plant, useful for garden purposes.		Eschscholtzia , a beautiful annual with fine deeply cut foliage, profuse bloomers, sow the seed where the plants are to bloom.	
298. purpurea , H. B., purple spotted, 3 feet	5	316. californica , H. H. B., bright yellow, darker center 1 foot.....	5
299. gloxinooides , improved large flowered Gloxinia-shaped blossoms, 3 feet.....	5		
300. Iteea , pale yellow.....	5		
301. Ivery's , new spotted, beautifully spotted	5		
1046. very fine mixed	5		



FOXGLOVE. No. 301.



ENGLISH PANZY. No. 571.



HELIANTHUS. No. 337.



HOLLYHOCK. No. 392.



NASTURTIUM. No. 519.



DIANTHUS. No. 285.



LEPTOSIPHON. No. 429.

No.		Price per Pkt.	No.		Price per Pkt.
317.	Eschscholtzia crocea , orange, dark in centre, 1 foot.....	5	360.	Godetia, The Bride , beautiful cup-shaped blossoms, white and crimson, very pretty, 2 feet.....	5
318.	— alba , creamy white.....	5	979.	Lady Albermarle , superb, flowers very large, intense crimson carmine.....	5
1047.	— striata , orange, striped lemon, fine, 5	5	1053.	very fine , mixed.....	5
1048.	mixed, various colors.....	5	357.	Gloxinia , this genus forms one of the most effective and beautiful groups of dwarf summer flowering bulbs. St. P., in three kinds, viz : erecta, horizontalis, and pendula, mixed in unsurpassed colors	20
	Evening Primrose , a desirable border plant.			Gourd , rapid growing ornamental plants with curious shaped fruit, abundance of foliage.	
323.	oenothera biennis , H. P., yellow, if sown early will bloom first year, 1 foot	5	362.	bottle , T. A.....	5
319.	Euphorbia variegata , H. H. A., foliage margined pure white	5	363.	Hercules Club ,.....	10
	Fraxinella , (<i>Dictamnus</i>), an ornamental genus of plants deserving extensive cultivation. The leaves when rubbed emit a fine odor like lemon-peel.		364.	flat Corsican ,.....	5
330.	white , H. P., 2 feet.....	5	365.	orange , in the form of an orange.....	5
331.	red , 2 feet.....	5	369.	powder horn ,.....	5
499.	Forget-Me-Not , see <i>Myosotis</i>	10	257.	Sugar Trough , (<i>Cucurbita Lagenaria Gigantea</i>), grows to an immense size, roundish form, can be used for many household purposes.....	10
298.	Foxglove , see <i>Digitalis</i> .		757.	trichosanthes colubrina , true serpent Gourd.....	5
332.	French Honeysuckle , (<i>Hedysarum</i>), a desirable free-growing border plant from Italy, H. P., red and white.....	5	368.	fine mixed	10
	Gaillardia , splendid plants for a brilliant display in the flower border, their large handsome blossoms keep expanding until killed by frost, desirable as cut flowers.			Gypsophila , free-flowering plants, very desirable for rock-work and the garden.	
1049.	alba marginata , H. H. A., white edged, 1½ feet.....	5	370.	muralis , H. A., rose, very pretty, dwarf ½ foot.....	5
337.	grandiflora hybrida , rich crimson and yellow.....	5	371.	paniculata , H. P., (<i>Baby's Breath</i>), small white flowers in great profusion, for bouquets or as everlasting.....	5
338.	picta or painted, red and yellow, 1 foot..	5		Helianthus , (<i>Sunflower</i>), a well-known plant of majestic growth, with brilliant flowers of immense size.	
1050.	Josephus , brilliant red and orange....	5	275.	argophyllus , H. A., yellow, double, silky-like foliage, 5 feet	5
1051.	fine mixed varieties	5	376.	californicus , large, double orange-colored flowers, 5 feet.....	5
340.	Gaura Lindheimeri , half-hardy annual of delicate graceful habit, with spikes of white and reddish flowers, free bloomer.....	5	377.	globosus fistulosus , the finest very large double flowers, bright saffron color	10
1052.	Gillia , pretty free flowering dwarf plant, blooming in almost any situation, fine mixed , H. A.....	5	379.	Mammouth Russian , enormous single flowers.....	5
	Geranium , (<i>Pelargonium</i>), old garden favorites for beds or house culture, seedlings always produce prolific flowers.		1054.	common single sunflower , usually grown for the seed, per oz. 10 cents....	5
343.	fine mixed , G.P., from a large collection	20		Helichrysum , (<i>Ellicrysum</i>), free flowering, effective for borders, one of the best everlastings.	
344.	mixed tricolor , fine, only a portion will show variegation at first.....	50	380.	bracteatum H. H. A., golden yellow 2 feet.....	5
998.	odoratissimum , (<i>Apple Scented</i>), leaves very sweet scented.....	25	1055.	monstrosum , double mixed, 2 feet....	5
351.	Gladiolus , fine Hybrids from Gandavensis, saved from my unrivalled collection of prize varieties, mixed.....	15	1056.	nanum , finest dwarf, mixed, 1 foot.....	5
	Globe Amaranthus , (<i>Gomphrena</i>), sow under glass, and transplant to border.			Heliotrope , deliciously fragrant, and are equally prized for house or garden culture. Plants will bloom the first year from seed.	
356.	mixed , finest varieties everlasting.....	5	388.	choice mixed , H. H. P	10
	Godetia , a genus deserving extensive cultivation. Their profuseness of bloom and delicate tints of color, render them universal favorites.			Humea , a magnificent and showy plant, blooming through the summer and autumn.	
358.	Indleyana , H. A., rose, purple spotted, 2 feet.....	5	395.	elegans , H. H. B., amaranth brown....	10
359.	Tom Thumb , fine dwarf variety, 1 foot	5			
361.	Whitneyi , crimson and blush, fine, 1 ft. 5				



LYCHNIS. No. 458.



PRIMULA JAPONICA. No. 654.



LUPINUS. No. 454.



MIMULUS.



LUPINUS. No. 453.



IPOMEA. No. 406.



LARKSPUR. No. 423.

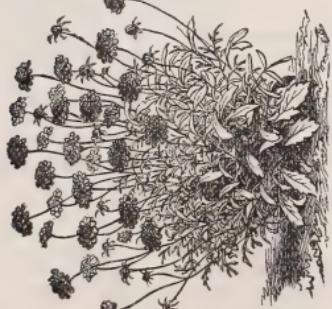
No.	Price per Pkt.	No.	Price per Pkt.
Hollyhock , a showy hardy biennial for decorative garden purposes, seed sown early in the spring under glass, will bloom the first season or in July and August, will make nice plants if slightly protected during the winter to bloom the following year.		Leptosiphon hybridus , pretty free-blooming annuals, for rock-work and edgings.	10
392. splendid mixed , from the best English collection.....	10	981. Linaria cymbalaria , (<i>Kenilworth or Coliseum Toy</i>), H. P., an old favorite, pretty hanging plant.....	10
394. Honesty , (<i>Satin Flower</i>), <i>Lunaria biennis</i> , a hardy biennial, flowering the second year in May and June, the flowers are succeeded by semi-transparent seed vessels that are quite ornamental; will keep a long time.....	5	Lobelia , a most elegant and useful genus of dwarf plants, of easy culture, well adapted for bedding, edging, pots, or rockwork; the seeds being very small should be covered lightly.	
Iberis , (<i>Perennial Candytuft</i>), profuse bloomers adapted for beds, rock-work or baskets, blooming early in the spring.		441. cardinalis , (<i>Cardinal Flower</i>), H. P., the well-known native, bright scarlet... 5	
399. semperfervens , H. P., pure white, evergreen habit, $\frac{1}{2}$ foot.....	5	447. gracilis , H. H. A., slender, pale blue... 5	
401. Ice Plant , a pretty trailing plant with fleshy leaves, having the appearance of being coated with ice.....	5	448. — alba , white variety of the above.... 5	
Ipomea , desirable for pots and baskets, and for house or garden; start the seed in a hot-bed.		451. Lophospermum scandens , H. H. C., effective for greenhouse or garden, with showy foxglove-like flowers, rosy purple.....	10
980. bona nox , (<i>Good-Night or Evening Glory</i>), T. A., violet, very large fragrant blossoms, expanding in the evening, 10 to 15 feet.....	5	452. Love Lies Bleeding , (<i>Amaranthus Caudatus</i>), H. A., long drooping racemes of blood-red flowers, 3 feet.....	5
406. limbata elegantissima , large violet flower, pure white margin, fine.....	5	Lupinus , a splendid genus of ornamental free-flowering garden plants, sow the seed where they are to remain.	
coccinea , (<i>Star Ipomea</i>), small scarlet flowers.....	5	453. annual , mixed.....	5
Lantana , one of the finest bedding and conservatory plants, with verbena-like heads of brilliant flowers in varied hues of color.		454. perennial , mixed.....	5
413. finest French varieties mixed , H. H. P. 10		Lychnis , this fine genus is indispensable wherever herbaceous plants are grown; of easy culture.	
Larkspur , (<i>Delphinium</i>), one of the most generally cultivated plants, profuse bloomers, effective in beds.		456. chalcedonica , H. P., scarlet, from Russia, 2 feet.....	5
419. double dwarf rocket (<i>Hyacinth Flowered</i>), H. A., fine mixed.....	5	457. — alba , white, 3 feet.....	5
420. — stock flowered , long spikes of bloom.....	5	458. haageana hybrida mixed , H. H. P. large flowers, ranging in color from white, red, scarlet, orange, 1 foot.....	10
421. candelabra flowered , branching to the ground, beautiful double flowers, 1 ft. 5		Malepe , handsome plants, of branching habit, producing their large flowers in great abundance.	
Lathyrus Latifolius (<i>Everlasting Pea</i>) H. P., free-flowering plants with showy flowers, for covering stumps, fences or walls, flowers without fragrance.		461. grandiflora , H. A., crimson purple, 3 ft. 5	
421. scarlet or crimson.....	5	462. alba , white, 2 feet.....	5
425. albus , white.....	10	Marigold , (<i>Tagetes</i>), one of the most valuable and effective of hardy annuals, with brilliant double flowers.	
423. Lavendula spica , (<i>Lavender</i>), H. P., cultivated chiefly on account of the delicious fragrance of its leaves.....	5	464. African , H. H. A. mixed quilled..... 5	
Linum , an effective and showy bedding plant, a continuous bloomer.		468. tall double , French mixed..... 5	
435. grandiflorum coccineum (<i>Scarlet Flax</i>), H. A., brilliant crimson, dark centre, fine foliage, delicate stem, 1 foot 5		1057. dwarf double , French mixed..... 5	
		Marvel of Peru , (<i>Mirabilis Jalapa</i>), a well-known garden favorite, commonly called, Four-o'clocks .	
		472. fine mixed colors , H. H. P., 2 feet.... 5	
		657. Matricaria parthenium (<i>Feverfew</i>). —See Pyrethrum.	
		Maurandia , charming climbers with elegant flowers and foliage, suitable for baskets, trellises or house culture, start seed in a hot-bed.	
		497. fine mixed , H. H. P.....	10
		Mesembrianthemum , dwarf growing annuals, of great beauty.	
		480. Tricolor , (<i>Dew Plant</i>), H. H. A., deep rose, purple center, $\frac{1}{2}$ foot.....	5



GLOXINIA. No. 357.



PINK. No. 621.



SCABIOSA. No. 700.



SALPIGLOSSIS. No. 687.



MARIGOLD.



PORTULACA. No. 638.



RICINUS No. 672.



PRIMULA. No. 642.

No.	Price per Pkt.	No.	Price per Pkt.
		Nasturtium. Tom Thumb, (Dwarf varieties) , are admirable bedding plants, containing many delicate colors not found in the tall varieties of Nasturtiums.	
509.	— cœrulea rosea , H. H. A., flesh colored rose.....	5	
510.	— crimson	5	
511.	— rose , very fine.....	5	
512.	— spotted king , very bright yellow, blotched.....	5	
513.	— beauty , yellow flushed vermillion..	5	
514.	— Crystal Palace gem , sulphur spotted mauve.....	5	
515.	— King Theodore , nearly black... 10	10	
516.	— king of , most brilliant scarlet.....	5	
517.	— pearl , nearly white.....	5	
518.	— golden king of , bright yellow.... 5	5	
992.	— ruby king , pink shaded carmine... 10	10	
	— one packet each of the above eleven varieties for 45 cents.		
519.	— mixed , various colors, per oz. 40 cts. 5	5	
	Tropaeolum Lobbianum , stronger growers than the tall Nasturtiums, with very showy foliage and flowers.		
520.	— Garibaldi , orange, fine.....	5	
521.	— Caroline Schmidt , scarlet.....	6	
522.	— Couleur de Bismarck	5	
523.	— Géant des Batailles , carmine..	5	
524.	— Lilli Schmidt , crimson.....	5	
525.	— Mons. Colmet , yellow and crimson		
526.	— Napoleon III. , vermillion, striped scarlet	5	
527.	— Queen Victoria , striped, fine....	5	
528.	— Von Moltke , deep rose.. 5	5	
529.	— Zanderi Nigra , very dark crimson maroon	10	
988.	— brilliant , very bright.....	5	
989.	— Crown Prince of Prussia , bright deep blood red, one of the best, very strong grower (new)..... 10	10	
990.	— Lucifer , dark foliage.....	5	
991.	— spitfire , scarlet, profuse bloomer....	5	
	The above collection of fourteen beauty varieties for 55 cents.		
530.	— very fine mixed , per oz. 60c.... 5	5	
1058.	Nemesia , exceedingly pretty and profuse blooming plants, useful for edgings and rockwork, fine mixed, H. H. A..... 5	5	
	Nemophila, (Grove Love) a charming and useful genus of dwarf growing annuals, with flowers of brilliant colors; is very pleasing and effective.		
1059.	— mixed varieties , H. A.....	5	
	Nierembergia , superb ornamental plants for clumps, edgeings, rockwork or hanging baskets; most profuse blooming, which it does quickly from seed.		
541.	— gracilis , H. H. P., white vined lilac, 1 foot.....	5	
	Nigella, (Love in a mist) , free blooming annual, with curious looking flowers.		
542.	— damascena , H. A., dark blue, ½ foot ..	5	



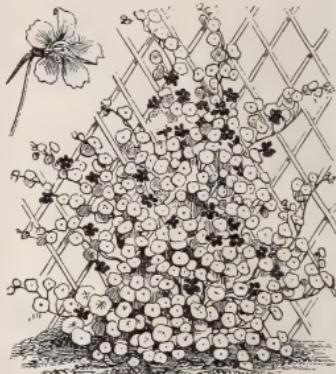
ABOBRA. No. 1.



MAURANDIA. No. 479.



COBEA. No. 228.



NASTURTIUM. No. 508.



LOPHOSPERMUM. No. 451.



TROPÆOLUM. No. 530.

No.		Price per Pkt.	No.		Price per Pkt.
554.	Eriogonum grandiflorum lamarkianum , H. B., very showy, large fragrant yellow flowers, 4 feet.....	5			
556.	Oxalis , elegant flowering plants for the greenhouse or parlor.				
556.	rosea , H. H. P., delicate, rosy purple colored blossoms.....	5	590.	mixed , very fine, 2 feet.....	10
557.	tropaeoloides , T.A., yellow, very effective, dark foliage, $\frac{1}{2}$ foot.....	5	591.	Perilla Nankinensis , H. H. A., distinct and effective plants, foliage dark olive, or mulberry, at maturity a purplish black.....	5
558.	valdiviana , H. A., bright yellow, very pretty, sweet scented.....	5			
	Pansy , or heartsease, is matchless in the curious beauty of its flowers, which are in their greatest beauty in May and June when the weather is cool. Sow the seed in frame or ground in the spring or in August, in the winter protect the plants in a frame or with evergreen boughs.				
560.	gold margined , beautiful	10	593.	grandiflora , H. H. P., finest mixed, from largest flowers.....	10
561.	golden yellow , very fine.....	10	596.	— marginata , green margined, fine 10	
562.	marbled , purple	10	994.	fimbriata , single fringed varieties, very beautiful, in various colors.....	15
563.	white , fine.....	10	995.	— — fl. pl., double fringed, splendid, good percentage of double flowers.....	25
564.	violet , bordered white.....	10	598.	Spooner's hybrids , striped and blotched, fine.....	10
565.	Faust , or King of the Blacks, very fine 10		600.	Countess of Ellsmere , deep rose, pure white throat.....	10
567.	Odier , or five blotched, beautiful, large dark spots on each petal.....	20	601.	very fine , mixed.....	5
570.	Belgian , or fancy, fine class, very large 20		602.	extra choice , mixed.....	10
574.	Emperor William , ultramarine blue 20		603.	— — — double , good percentage of double flowers.....	25
568.	French , fine mixed.....	10	997.	Hybrida, nana compacta multiflora , a dwarf sort, from 6 to 8 inches high, color most brilliant, cherry red, marked with a white star, prolific bloomer 25	
569.	“ good mixed.....	5	605.	Phacelea conjesta , H. A., an interesting plant, good for honey-bees, color beautiful azure blue; 2 feet.....	5
571.	English , choice from named plants, flowers very large, and perfect in form and color	50	606.	Phaseolus Caracalla , this handsome climber, with its long Wistaria-like flowers, is very effective for the conservatory. 15	
	Papaver , (<i>Perennial Poppy</i>), an ornamental genus of plants, with large flowers of rich and striking colors.		607.	Phlox Decussata , hardy perennial varieties, from very choice English, German and French collections, mixed.....	10
575.	bracteatum , H. P., large, deep red, spotted back, 3 feet.....	5		Drummondii , charming annuals of vivid, beautiful colors, as desirable as the verbena for their duration of bloom.	
577.	orientale , H. P., orange red, spotted back, 2 feet	5	608.	alba , H. H. A., white.....	10
	Peas, Sweet , H.A., sow them thickly, as early in the spring as possible, four or five inches deep, they will come slower at this depth, but will bear the dry weather better.		609.	— oculata , white, purple eye.....	10
580.	mixed , various colors, per lb. \$1.00, per oz. 10c.....	5	610.	Leopoldi , rosy purple, white eye.....	10
581.	Painted Lady , rose and white, per lb. \$1.50, per oz. 10c.....	5	613.	Empress Eugenie , rose marbled.....	10
583.	purple , striped white, per lb. \$1.50, per oz. 10c.....	5	614.	Black Warrior , purple crimson.....	10
584.	scarlet , per lb. \$1.50, per oz. 10c.....	5	615.	Isabellina , pale yellow.....	10
585.	— striped white , per lb. \$1.50, per oz. 10c.....	5	616.	Heynoldii Cardinalis , beautiful deep scarlet.....	15
586.	white , per lb. \$1.50, per oz. 10c.....	5	1060.	— Perfection , very dwarf compact plant, covered with beautiful coppery scarlet flowers.....	15
587.	Scarlet Invincible , deep scarlet, per lb. \$1.50, per oz. 10c.....	5	1004.	Grandiflora , mixed, a very fine mixture of the large flowering varieties, far superior to the old kinds.....	15
588.	Black Invincible , very dark, per lb. \$1.50, per oz. 10c.....	5	617.	fine mixed , various colors.....	5
589.	Crown Princess of Prussia , delicate blush, fine, per lb. \$1.50, per oz. 10c.	5	618.	choice mixed , extra.....	10
424.	— Everlasting , see Lathyrus.				

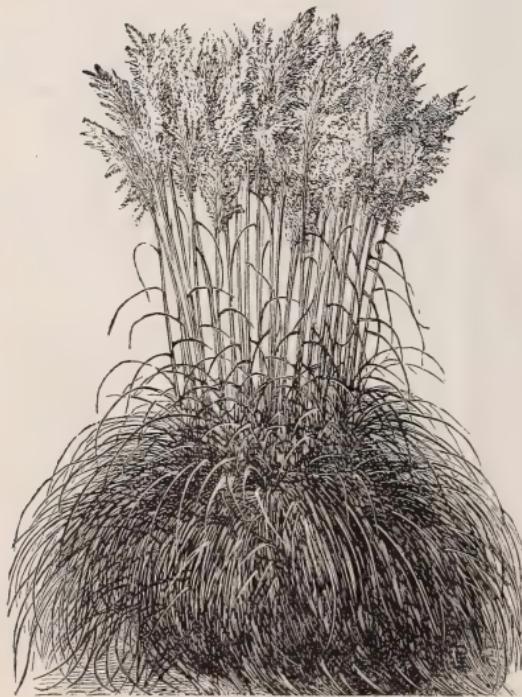


STOCK. No. 725.

No.	Price per Pkt.	No.	Price per Pkt.
Picotee Pink , is greatly prized for the beauty and fragrance of its elegantly fringed flowers.			
619. — Italian , finest mixed, H. H. P....	20	666. Ricinus , (<i>Castor Oil Bean</i>), stately and effective plants for garden decoration, of earliest culture and rapid growth.	
620. — good mixed	10	667. bordoniensis arboreus , II. H. A. large leaves, beautiful, 15 feet.....	5
621. Pink , Paisley or Florist, H. H. P., beautifully laced and fragrant flowers, from choice double varieties.....	20	668. communis , (<i>Palma Christi</i>), castor oil plant, 6 feet, per oz. 10 cents.....	5
627. Polycolymna Stuartii , H. H. A., handsome white and yellow everlasting, for winter bouquets.....	5	1064. gibsoni , new, very fine, dark purple stem and leaves.....	5
Poppy , exceedingly showy, double, compact growing plant; effective in masses or clumps, does not bear transplanting.		672. sanguineus , whole plant dark red, 7 feet (see cut).....	5
628. Carnation , H. A., double mixed, 2 feet	5	673. tricolor , brown, red and green, 7 feet..	5
630. Ranunculus , (<i>African Rose</i>), double choice mixed, 1 foot.....	5	Salpiglossis , beautiful annuals, with rich colored delicate and mottled blossoms, plant in a light soil.	
631. Peony-flowered , double mixed, 2 feet	5	687. mixed , H.H.H., from choice plants, (see cut).....	5
Portulaca , unsurpassed in the rich brilliancy of their colors; in an open gravelly situation in the full blaze of the sun, are very dazzling.		688. — dwarf , finest colors.....	5
632. white striped , H. H. A., $\frac{1}{2}$ foot.....	5	Salvia , all the varieties of this genus are ornamental for the greenhouse and summer garden.	
633. Caryophylloides , rose striped crimson, $\frac{1}{2}$ foot.....	5	690. coccinea , H. H. P., scarlet, free bloomer, 2 feet.....	5
1060. aurea , golden.....	5	692. splendens , (<i>Scarlet Sage</i>), rich scarlet, 3 feet.....	10
634. splendens , rich crimson, $\frac{1}{2}$ foot.....	5	694. patens , the purest blue flower in cultivation, $2\frac{1}{2}$ feet.....	20
635. Thorburni , deep orange, $\frac{1}{2}$ foot.....	5	695. Sanvitalia procumbens flore pleno , H. A., a valuable dwarf bedding-plant, profuse bloomer, brown and yellow flowers.....	5
637. Thellusonii alba , beautiful white, $\frac{1}{2}$ foot	5	Saponaria , charming little plants, flowering all the season.	
1061. rosea	5	1066. choice mixed , annual varieties.....	5
638. extra , choice mixed colors, (see cut)....	5	699. ocymoides , H. P., rosy purple, $\frac{1}{2}$ foot.	5
639. — double , mixed colors, transplant from seed bed, (see cut).....	10	Scabiosa or Mourning Bride, handsome summer border plants, with profusions of double flowers in variety.	
Primula , (<i>Chinese Primrose</i>), a beautiful winter and early spring flowering greenhouse plant, sow the seed anytime from January to July, in a light soil.		700. atropurpurea major , mixed colors, 2 feet. (See Cut.) H. H. P.....	5
642. sinensis fimbriata , extra choice mixed, from prize flowers.....	50	702. nana , fl. pl., dwarf, double finest mixed	5
643. — good mixed	25	Schizanthus , an attractive free-flowering class of plants, with rich and various colored flowers, fine for greenhouses or outdoor culture.	
1062. — filicifolia , Fern-leaved, mixed	50	708. mixed , H. H. A., all best colors.....	5
654. Japonica , H. P., mixed, splendid, sown on a cool border, or in pans; the seed is very slow to germinate, remaining dormant frequently a year.....	20	709. Sensitive Plants , (<i>mimosa pudica</i>), H. H. A., very curious and interesting plants, the leaves closing if touched, pinkish white flowers.....	5
Pyrethrum , desirable free-flowering ornamental plants, with fine double flowers.		Smilax , (<i>Myrsiphyllum asparagoides</i>), a beautiful tender climber, much used by florists for decorative purposes, with beautiful delicately orange-scented flowers, per oz. \$2.50.....	10
656. parthenifolium aureum , (<i>Golden Feather</i>), H. P., beautiful golden foliage	5	Statice , free flowering, for the garden, valuable for winter bouquets.	
1063. golden gem , golden foliage, double white flowers.....	5	721. — Bonduelli , H. H. P., deep golden yellow.....	5
657. parthenifolia , fl. pl., (double white feverfew), 2 feet.....	10	1073. — Incana hybrida , H.P., fine mixed	10
658. hybrids , finest mixed.....	20	740. Sweet Clover , (<i>Trifolium Sauvolens</i>) H. B., white flowers, very sweet scented	5
Ithodanthe , a delicate and charming plant for the garden and for winter bouquets, start seed under glass.			
1057. — fine mixed , single varieties.....	10		
Rocket , a fragrant free-flowering, hardy perennial.			
1065. mixed , purple and white.....	5		



PETUNIA—Double. No. 803.



PAMPAS GRASS. No. 851.



HORDEUM. No. 816.



ERIANTHUS. No. 814.

No.	Price per Pkt.	No.	Price per Pkt.
Stock , (<i>Gillyflower</i>), an old and popular garden favorite, the <i>ten week</i> varieties are the most generally cultivated, blooming in ten or twelve weeks after being sown. Start under glass and plant out when the plants are quite small.		Verbena , for bedding purposes, are more easily obtained from seed than cuttings, giving healthy plants; sow the seed early under glass and transplant.	
725. German , H. H. A., large flowering, 10 weeks, fine mixed	10	762. defiance , H. II. P., scarlet.....	10
1007. —— blue celeste , sky-blue, splendid, 10 weeks.....	15	763. cerulea , blue in various shades.....	10
726. —— royal gem , rich, dark carmine, 10 weeks.....	15	764. alba , pure white.....	10
727. —— dwarf wallflower leaved , mixed.....	10	765. Italian , striped.....	10
728. —— ten week , scarlet or crimson.....	10	766. fine , mixed.....	10
729. —— white	10	767. extra choice , mixed.....	20
730. —— purple.....	10	768. citriodora , (<i>Aloysia</i>), lemon scented verbena.....	10
731. —— mixed, fine.....	10		
1010. new giant perfection , 10 weeks, mixed of pyramidal growth, long spikes of large beautiful double flowers, $2\frac{1}{2}$ feet 15		Vinca These beautiful plants are easily cultivated from seed, flowering in a few months after sowing, admirable for bedding purposes and for the greenhouse.	
1074. Intermediate , valuable for flowering in late autumn as pot plants, sow in August for spring flowers, mixed.....	10	771. rose , G. S., pretty rose color.....	10
737. —— Night Scented , very sweet, (<i>Matthiola Bicornis</i>).....	10	772. alba , pure white, crimson eye.....	10
375. Sunflower . See <i>Helianthus</i> .			
Sweet William , (<i>Dianthus Barbatus</i>), a profuse blooming early-flowering gem of easiest culture; seed sown in July will make fine plants by autumn, and with slight protection through the winter will flower the following June.		Viola , a favorite for its sweet-scented flowers and long continued blooming qualities, will flower first year from seed.	
741. mixed , H. P., very fine, single.....	5	773. odorata semperflorens , a sweet English violet, II. P.....	10
742. —— scarlet	5	774. —— the Czar , large sweet scented flower 10	
743. —— double , extra large flowered, white margined.....	5		
1075. —— double pure white fine.....	20	Virginia Stock , a very pretty annual for small beds, to cut from; seed can be sown where it is to bloom.	
744. Hunt's perfection , very fine, mixed 10		1067. mixed , H. A., red and white.....	5
1076. —— pure white.....	10	Wallflower , prized for their delicious fragrance.	
1077. —— auricula flowered.....	5	785. —— Single German , mixed.....	5
1011. Dunnett's Atrosanguineum , blood red, extra	10	786. —— Double “ finest mixed....	10
1012. —— fl. pl. double.....	10		
750. Tagetes Signata Pumila , a dwarf compact plant, with delicate fern-like foliage, and bright yellow single flowers, with a reddish brown stripe in the centre 5		Whitavia . These are very effective, their rich <i>Gloxinia</i> -like blossoms recommend them for flower beds. Sow the seed where the plants are to remain.	
754. Thunbergia , H.H.A., a delicate climber for baskets, vases and greenhouses, free flowering, start in heat, mixed color.....	5	790. grandiflora , H. H. A., deep violet blue, 1 foot.....	5
761. Venus' Looking Glass , (<i>Campanula Speculum</i>), H. A., free-flowering, red-dish violet.....	5	791. —— alba , pure white, 1 foot.....	5
Viscaria , profuse flowering plants for beds or borders.		792. gloxinooides , violet and white, 1 foot...	5
1068. mixed , H. A.....	5		
		Xeranthemum annum , a showy garden plant, the flowers are valuable for winter bouquets, transplants well.	
		795. fine mixed , 2 feet.....	5
		Zea , ornamental foliage plants of great beauty.	
		796. japonica variegata , fine striped foliage.....	10
		Zinnia . The flowers are large, beautifully formed and very effective. 4 to 5 feet.	
		798. elegans , fl. pl. alba H. H. A., double, pure white.....	10
		799. —— finest mixed , double, from my prize varieties.....	10
		800. haageana hybrida , finest double dwarf, deep orange.....	10

Evidence of Quality, 1880.—My collection of *Tropaeolums* and *Nasturtiums* was awarded the *first prize* by the Mass. Horticultural Society, for the best display of this beautiful flower.

"The seeds I bought of you last year gave entire satisfaction, the *Jersey Wakefield* Cabbage was the best we ever raised. The *Mont d'Or* Butter Bean takes the lead of all the beans to market. The *Trophy Tomato* was excellent." February 18, 1880.

B. HOPE.



ZINNIA ELEGANS. DOUBLE. No. 779.



LILUM CANDIDUM.



ZINNIA HAAGENA HYBRIDA. No. 800.

ORNAMENTAL GRASSES.

All the Grasses may be gathered before entirely ripe, and dried for Winter decoration.

No.		Price per Pkt.	No.		Price per Pkt.
802.	Agrostis nebulosa , H. A., fine border and bouquet grass, $1\frac{1}{2}$ feet.....	5	812.	Coix lacrymæa , (<i>Job's Tears</i>), broad coral-like leaves, 2 feet.....	5
803.	pulchella , H. A., very elegant dwarf..	5	813.	Eragrostis elegans , H. A., (<i>Love Grass</i>), very fine, 1 foot.....	5
805.	Avena sterilis , H. A., Animated Oats..	5	814.	Erianthus Ravennæ , H. H. P., robust, with plume-like panicles.....	5
806.	Briza gracilis , H. A., slender Quaking Grass, $1\frac{1}{2}$ feet.....	5	815.	Gynerium argenteum , H. H. P. (<i>Pampas Grass</i>).....	5
807.	maxima , (<i>Quaking Grass</i>), H. A., 1 foot, large.....	5	1080.	Jubatum , new, splendid dark green foliage, beautiful spikes of silvery-red flowers.....	20
808.	Bromus brizæformis , H. P., neat border grass, $1\frac{1}{2}$ feet.....	5	916.	Hordeum jubatum , H. A., (<i>Squirrel Tail Grass</i>), 3 feet.....	5
810.	Chloris radiata , H. A., radiating, very fine, 2 feet.....	10	818.	Lagurus ovatus , H. A., (<i>Hare's Tail</i>), 3 feet.....	5
811.	Chrysurus aureus , H. A., very pretty, $\frac{1}{2}$ foot.....	5	819.	Panicum sulcatum , H. H. A., palm formed, 2 feet.....	10
819.	Eulalia Japonica , new hardy orna- mental grass, from Japan, forming large clumps, with stems from 6 to 8 feet high, surmounted with gracefully recurved panicles of a light purple color, rivalling the Pampas Grass, with beautifully varie- gated foliage.....	20	821.	Pennisetum longistylum , H. A., graceful, $1\frac{1}{2}$ feet.....	5
1079.	— Zebrina , a beautiful variegated grass, from Japan; similar to the above but with markings crossing the leaf horizontally, 3 to 4 feet high.....	25	823.	Stipa pennata , H. P., (<i>Feather Grass</i>), fine, 2 feet.....	10
			1069.	elegantissima , a splendid variety for pots or borders.....	10
			824.	Tricholæna rosea , H. P., exceedingly pretty, 1 foot.....	10

OBSERVE.

I desire to call the attention of intending purchasers to my collection of Seeds of **Astor**, **Balsam**, **Petunia**; particularly to the large flowered fringed varieties of the latter, which are very beautiful. **Pansies**, **Phlox Drumondii**, **Stocks**, **Verbena**s, which are very fine, and to my large and unequalled assortment of **Nasturtiums** and **Tropæolums**, both the **tall and dwarf varieties**; they constitute in themselves a perfect flower garden. The displays of the latter flowers which I made last season before the **Mass. Horticultural Society**, in **Boston**, several times, the **New England Agricultural Society**, at **Worcester**, and the **Rhode Island Society**, at **Cranston, R. I.**, were the admiration of all who saw them, and a new developement to most persons; in the wonderful diversity and variety of color, there is perhaps no annual grown to equal them; they adapt themselves to all circumstances, and will grow anywhere, with a wonderful profusion of flowers from July until hard Autumn frost.



AGROSTIS. No. 802.



LAGURUS. No. 118.



BRIZA. No. 807.



RHODANTHE.



ADLUMIA. No. 8.



ACROCLINIUM. No. 6.



GYPSOPHILA. No. 371.



VIOLA. No. 77.



XERANTHEMUM. No. 795.



BULBS AND TUBERS

For Planting in Spring.

GLADIOLUS.

The Gladiolus of late years, from the success of the French Hybridisers in the great improvement of its flowers, has become the most popular of our Summer flowering bulbs, adapted to the simplest culture.

In growth, robust, erect, with green sword-shaped leaves, and magnificent flower-scape rising from three to five feet in height, in all shades of color, from bright red to almost pure white and yellow, it is suitable for any prominent garden decorative purpose; for a succession of bloom, plantations can be made from April to the last of June.

In the Fall the bulbs should be taken up and carefully dried, and stored for the Winter, where they will be free from frost.

All Bulb orders received during cold weather will be retained until the Bulbs can be sent with safety. If orders are received for seeds at the same time, the latter will be forwarded at once.

Purchasers selecting twelve varieties from the above list, will be entitled to a discount of ten per cent. from Catalogue prices; twenty-five varieties, a discount of twenty per cent.

The following collections are made up with very fine varieties, although the prices are low; my own selection.

My seedlings are about as good as named kind.

1029. Collection of 12 named varieties.....	\$1.00
1030 " 12 " "	1.50
1031.. " 12 " "	2.00
1033. " 25 " "	2.50

	Each.
960. Abassus , salmon red, flaked scarlet, yellow centre, fine.....	\$.75
911. Achille , currant red, white line in centre	20
1020. Amalthee , white, streaked with garnet.	30
899. Antonius , scarlet cherry, slightly tinged, white centre, per doz. \$1.00	10
1082. Apollon , rosy lilac, rose blotch, fine stripe in the centre.....	40
1083. Benvenuto , brilliant light orange-red, white blotch, very fine	1.00
899. Brenchleyensis , vermillion scarlet, very showy for masses, per doz. 50 cents08
1021. Brilliant crimson lake.....	20
1022. Celine , rosy white, streaked with rose....	15
924. Cleopatra , soft lilac, lower division, dark tinged violet, large flowers.....	20
1084. Diamond , flowers very large, fleshy-white throat, ivory-white streaked carnation. Splendid. Bronze medal from Mass. Horticultural Society.....	1.50
892. Diana , very tender flesh-colored rose... ..	20
617. Edith , flesh-colored rose, darker stripes.	15
900. Eldorado , fine pure yellow, striped with red, per doz. \$1.50.....	15
925. Etandard , white, slightly suffused carmine	30
963. Eva , white tinged rose and lilac, fine....	75
1023. Goliath , light red, striped and blotched carmine	10
901. John Bull , ivy white, slightly striped sulphur, per doz. 80 cents.....	10
940. Latous , purple, flaked mauve, white centre, extra.....	75
1085. Lady Bridport , blush flaked carnation, striped.....	1.50
916. Le Poussin , light red, white blotch... ..	15
909. Meteor , brilliant dark red, large pure white blotch.....	40
939. Milton , cherry rose flamed with red, very fine.....	60
904. Mme. Adele Souchet , white, flamed with crimson rose, large flower.....	20
905. Mme. Basseville , cherry colored, purple stain on white ground, vigorous....	20
918. Mme. de Sevigne , bright cherry, stained pure white.....	25
937. Mme. Lesable , pure white, purple rose stains	15
927. Mme. Periere , white, blotched purple	50
1025. McMahon , satin orange-colored, cherry rose, striped rose, fine.....	25
964. Mr. A. Brogniart , rose ground, tinted orange, flamed red, white blotch, fine..	90
965. Parsonii , pink, veined lilac, white blotch.....	1.00
1026. Panorama , lilac, mottled carmine, creamy white throat, white band in centre of each petal, fine.....	1.00
897. Penelope , light pinkish white, stained	15
943. Primatece , rose, tinted lilac.....	50
967. Rosita , delicate creamy rose, blotched carmine, fine.....	1.00
908. Reine Victoria , pure white, stained violet carmine, fine, per doz. \$1.00....	15
945. Shakspeare , white suffused carmine, rose, fine, early.....	60
932. Sir Wm. Hooker , light cherry, blotched rosy carmine, white ground, fine	40
929. Themis , satin rose, cream-colored blotch	20
1028. Thomas Methwen , violet, tinged rose	60
898. Van Dyck , amaranth red, striped white	15
922. Velleda , very tender rose, violet stain..	30
969. 12 choice Hybrids, mixed seedlings....	\$.85
980. 100 " " " by mail 5.00	
100 " " " by express	
at purchaser's expense.....	4.00



NEW TUBEROUS ROOTED BEGONIA.



DOUBLE TUBEROSE.



CALADIUM ESCULENTUM.



LILIUM LANCIFOLIUM.



LILIUM LONGIFLORUM.

LILIUM AURATUM.



CYCLAMEN. No. 272.

	Price per Doz.
Lillium auratum (Gold Band Lily). They should be planted not less than six inches deep, and with an inch of sand at the base of the bulb, this being most necessary in soil of a tenacious character. Treated in this manner, if the soil is well drained, they have proved perfectly hardy. Fine bulbs of this variety very scarce; 60 cts., 75 cts., and \$1.00 each.	
Lancifolium rubrum , 20 cents each.	
— Roseum, 20 cents each.	
— Album, 35 cents each.	
— Monstrorum rubrum, white and crimson, 50 cents each.	
— — Album, pure white, 50 cents each.	
— Macranthum, 50 cents each.	
— Punctatum, white, spotted salmon, 40 cents each.	
— Melpomone, deep crimson, beautiful, 75 cents each.	
Candidum , OLD GARDEN, OR ANNUNCIATION LILY.—This valuable old favorite should be planted early in the autumn to enable it to make the usual fall growth, thus it is almost impossible for them to bloom the following season; each 15 cents.....	\$1.00
Excelsum , beautiful buff, each 75 cents.	
Longiflorum , (Japonicum), one of the best for pot culture. This is perfectly hardy if lifted in September. The check given by this treatment is sufficient to prevent any fall growth, and the bulbs may be planted again just before the ground freezes. Although this is the opposite treatment of that recommended for Candidum, it is just this that renders Longiflorum hardy; each 10 cents.....	1.00
Begonia , tuberous-rooted new hybrids of Boliviensis, Sedenii, Chelsonii, Vietchii, etc. Good bulbs having already flowered. These splendid varieties, producing branched and at the same time tufty plants of about twelve to eighteen inches high, are covered during the whole summer and until frost sets in, with bright and elegant flowers; succeeding as well in the shade as in the sun. Each 40 cents.	
Calocasia (<i>Caladium</i>) Esculentum , a highly ornamental foliage plant with immense leaves, having a tropical appearance, adapted for the centre of beds, borders or pot culture; 25 to 40 cents each.	
Delphinium formosum grandiflorum . Seedling plants in fine colors, various shades of blue; 25 cents each.....	2.00
Dielytra Spectabilis , (Bleeding Heart), a well-known hardy garden plant; a capital subject for forcing early for cut flowers in pots for greenhouse and house culture; 15 cents each.....	1.50
Hoteia Japonica (<i>Spiraea</i>), white, feathery plumes, elegant glossy foliage, for forcing in pots for spring bloom; perfectly hardy; 20 cents each by express, 25 cents each by mail.....	2.00
Tritoma uvaria , (Red-Hot Poker Plant), a beautiful class of bulbous plants, flowering in midsummer and until frost, throwing up a tall flower scape three to five feet high, with beautiful racemes of orange-scarlet flower-tubes; 20 cents each per express, 25 cents each per mail.....	2.00
Yucca filamentosa , (Adam's Needle), a striking plant, with a tall flower stem, four to five feet high, crowned with beautiful umbels of waxy-white flowers; strong plants, 50 cents each.	
Tuberose . This is pre-eminently a plant for everybody. Its lovely waxy flowers are so fragrant that a few pips will perfume a room, or a single plant a greenhouse; but especially it is of value in furnishing a continuous supply of blooms for bouquets and decorations generally. The pips may be taken off as they expand, and as they do this gradually, a few plants will provide for a long period. When started early in the season (January), a slight bottom heat should be given, as at this time of the year they are slow to start; later they do not require it. Transplant in May or June to the open ground.	
Common, 10 cents each, strong bulbs.....	.90
Pearl (new), of dwarf habit and exquisite fragrance, 10 cents each.....	1.00
Sweet William , an old popular hardy garden plant, profuse bloomer, various colors, including dark blood red. 20 cents each.....	2.25

We had some of your seeds last year, and a much larger per cent. vegetated than I am accustomed to having. The Boston Marrow Squashes were wonders.

MISS L. H. F.

MR. SPOONER.—I can say with truth after using your seeds for six years that they germinate for me in our hot dry climate better than any others I have received.

MRS. A. L. K.

PROCTORSVILLE, VT.

March, 1880, RAYMORE, COSS CO., MISSOURI.

NOVELTIES

AND

Desirable Flower & Vegetable Seeds

OF RECENT INTRODUCTION.

IN ORDERING SAY FROM NOVELTIES.

FLOWER SEEDS.

	Per Pkt.
CALENDULA OFFICINALIS, "METEOR." New variety of the Marigold, with very large imbricated double striped flowers, bright deep orange on a pale straw color, almost white ground; the stripes very striking; blooming until autumn.....	20
MIGNONETTE, GALLOWAY'S WHITE, a very fine new pure white.....	25
— GOLDEN YELLOW, a distinct and fine variety, with large spikes of intense golden yellow color; a very attractive sort.....	50
HELIANTHUS ANNUUS NANUS, FOL. VAR., dwarf; nicely variegated-leaved Sunflower; well adapted for ornamental groups.....	25
TROPAEOLUM (TOM THUMB) BRONZE, new; very fine color.....	20
IRIS KEMPFERI, beautiful and interesting plants, with very large flowers, mixed colors, perfectly hardy.....	25

VEGETABLE SEEDS.

	Per Pkt.
LETTUCE, PAPER WHITE CURLED HEAD, a very tender and very early variety of Lettuce, desirable for forcing or for the open ground.....	20
NEW DWARF OKRA, an improvement on the old Okra; grows about 14 inches high, with long slender pods; very productive.....	25
AMERICAN WONDER PEA, unrivaled in productiveness; very early, fine flavored, growing about eight or ten inches high.....	15
PERFECT GEM SQUASH, this new variety is excellent both as a summer and a winter Squash, vigorous grower and productive; often setting the Squash near the root like the bush varieties, it commences to run and will frequently attain a length of twenty feet; the Squashes are from four to six inches in diameter; flattened; of a creamy white color; ribbed. The flesh is fine grained, dry and sweet, and is a remarkable keeper. Five packets for \$1.00	25
LOW'S NEW PREMIUM TURBAN SQUASH, this new and very fine Squash is a cross between Hubbard and American Turban, having the color, shape and excellence of the Turban, with the dryness and hard shell of the Hubbard. The flavor is rich, fine grained and very sweet; one of the best keepers and very productive. Being earlier than any other running variety, can be planted later in the season, or as a second crop; per oz., 30c., per lb., \$2.50	15
NEW SURPRISE MELON, this new Melon has a thin cream-colored skin, thickly netted; the flesh is of a deep salmon color and very thick, of delicious flavor, very early and prolific. All those who have tasted it pronounced it without exception the finest they have eaten. The seed we offer is from selected specimens; per oz., 40 cents.....	15
SWEET CORN, EXTRA EARLY TOM THUMB, a very early eight-rowed variety, producing fair sized ears; kernel large, white and sweet; has proved one of the earliest; is very tender, resembling the Crosby or Evergreen in flavor; a valuable sort for market gardeners; per quart, 35 cents, by mail 55c.....	15
TOMATO, LIVINGSTON'S PERFECTION, a new variety of great merit, raised by the originator of the Acme and Paragon varieties, and superior in all respects; shaped like the Acme, but larger, perfectly smooth, blood red in color, bears abundantly until frost, free from seeds; excellent for canning or bears transportation well.....	25

Remit 16 cents per pound or fraction, extra, when ordered by mail.

SPOONER'S

BOSTON MARKET



I can confidently recommend my stock as being of the best quality, having been selected with the greatest care and carefully tested.

Some changes have been made in the quotations for vegetable seeds this season. We have fixed the prices the pound at lowest rates at our office, and if ordered sent by mail, 16 cents per pound, or fraction, must be added to cover mail charges. As formerly, seeds by the packet and ounce will be forwarded by mail at catalogue rates, free of extra charge. In all quotations by express, delivery charges to be paid by purchasers.

ARTICHOKE. CYNARIA SCOLYMIUS.

Sow the seed in light, rich soil, in April; the following Spring transplant to permanent beds of moist rich loam, two feet apart each way.

	Pkt.	Oz.
Large Green Globe, best for general culture.....	10	35

ASPARAGUS. ASPARAGUS OFFICINALIS.

Sow in drills eighteen inches apart, in April, in a good rich soil; two years old plants should be used in planting, burying the crown just under the surface.

	Pkt.	Oz.	Lb.
Conover's Colossal, the best of all, very large.....	5	10	50

BEANS.—Dwarf, Bush, or Snaps. PHASEOLUS VULGARIS.

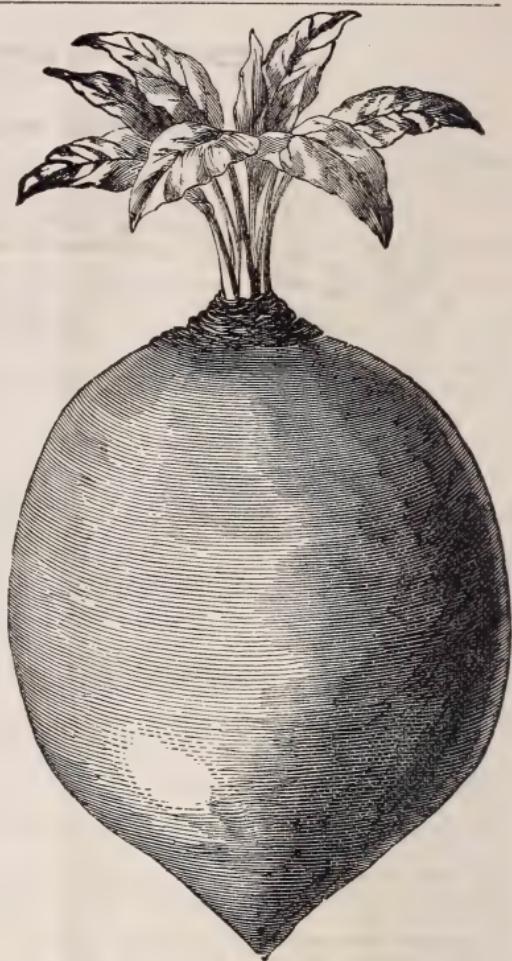
Do not sow until the weather has become thoroughly settled, and the ground warm; cover the seed lightly. The following varieties of this class will be found to be the best. 15 cents per pint, 25 cents per quart, extra, when ordered by mail.

	Pkt.	Qt.
Early Long Yellow, six weeks. very productive, used for string or shell beans Valentine, pod long, round and tender.....	10	25
Refugee, or Thousand to One, a very prolific bush bean, not early.....	10	25
Mohawk, very hardy, early and productive.....	10	25
Large White Kidney, or Royal Dwarf, one of the best late kinds, excellent green, and has no equal for winter use.....	10	20
Dwarf Horticultural (true), a half-bush sort, very prolific, excellent green or dry, a good market variety	10	40
Dwarf White Wax, excellent variety, pods and beans white, early and prolific Black Wax, pods yellow, superior string bean.....	10	30
Golden Wax, new dwarf; a very superior variety, with yellow transparent pods; valuable as a shell bean.....	10	30
White Marrow, the best for baking, a standard field sort, very prolific.....	10	20

Remit 16 cents per pound, or fraction extra, when ordered by mail.



MANGEL WURZEL. Spooner's Improved
Mammoth Long Red.



MANGEL WURZEL. Champion Intermediate.



SAVOY. Little Pixie.



CAULIFLOWER. Lenormand's Short Stem.

BEANS.—Pole or Running.

	Pkt.	Qt.
Red Cranberry , very productive, a good string or snap bean.....	10	35
London Horticultural, or Wren's Egg , productive, pods striped, excellent as string or shell.....	10	30
Giant Wax , the best Wax Bean, never stringy, pods very tender, yellowish white; keeps in bearing a long time.....	10	40
Mont d'or, or Golden Butter , grows about 6 feet high, pods 6 or 8 inches long, thick and very tender, pale lemon color; a delicious bean.....	10	40
Small Lima, or Sieva , also called Frost Bean , is two weeks earlier than Large Lima.....	10	40
Large Lima , is much esteemed for the table; when planted too early is apt to rot in the ground. Plant in a rich warm soil.....	10	40
Lima, Dreer's Improved , an improvement on the old variety, earlier and more productive.....	10	45
Giant White Runners , flowers and seeds white.....	10	50
Scarlet Runners , scarlet flowers, very productive, an excellent string bean..	10	35

BEET. BETA VULGARIS.

Sow in April for early, and for a succession till last of June; about the middle of May for general crop. The soil should be a deep rich loam. For the long kinds, trench eighteen inches deep. The rows should be eighteen inches apart, and the plants thinned to eight inches in the rows. Stir the soil often and the plants will make larger roots. As soon as frost occurs, take up roots and store away in dry sand. They will also keep well stored in trenches in the garden or field.

	Pkt.	Oz.	Lb.
Bastian's Extra Early Blood Turnip , handsome shape, deep red color, superior quality; a profitable market variety.....	5	10	60
Early Flat Bassano , very early, tender and juicy, will not keep in winter unless sowed late.....	5	10	60
Dark Red Egyptian , earlier than Bassano; turnip shape, small top; excellent for market purposes; one of the very best sorts; ten days earlier than any other.....	5	10	1.25
Dewing's Improved Blood Turnip , of fine form and flavor, deep blood red.....	5	10	60
Early Yellow Turnip , very early, flesh yellow, very tender.....	5	15	75
Long Smooth Dark Blood , good winter variety; color, dark blood red; keeps well.....	5	10	60
Perpetual Spinach , leaves used as a substitute for <i>Spinach</i> , in use the whole season.....	5	10	75
Swiss Chard or Silver , cultivated for its leaf stock, which is served like <i>Asparagus</i> ; should be cut often to produce tender shoots.....	5	10	60
Lane's Improved Imperial Sugar , the best variety for feeding to cows or young stock; it contains a greater percentage of sugar than any other variety; is harder and more productive.....	5	10	60
Vilmorin's Improved French White Sugar , is the kind used for sugar purposes in France.....	5	15	

BEET. MANGEL WURZEL.

Sow from middle of April to middle of May; five or six pounds to the acre, manuring heavily. Rows two feet apart; thin out plants to one foot in the rows.

	Pkt.	Oz.	Lb.
Spooner's Improved Mammoth Long Red , the largest variety in cultivation; largely grown for stock feeding. It stands a good deal out of ground.....	5	10	40
Carter's Warden Orange Globe , the best variety of yellow globe.....	5	10	50
Champion Intermediate , very handsome.....	5	10	50
Norbiton Giant Red , a fine English variety; it tends less to a hollow than the Old Long Red.....	5	10	60
Elvethan Long Yellow , a very good standard sort.....	5	10	60

Remit 16 cents per pound or fraction, extra, if ordered by mail.



CARROT, Improved Long Orange.

CARROT,
James' Intermediate.



CELERY, BOSTON MARKET.



EARLY WINNINGSTADT CABBAGE.



FOTTLER'S IMPROVED BRUNSWICK CABBAGE.



BEET, SWISS-CHARD.

BORECOLE, or KALE. BRASSICA OLERACEA ACEPHALA.

To secure a good crop of this useful winter vegetable requires a deep, rich soil, deep and heavily manured. Sow about the middle of April, covering the seed thinly; cultivate same as cabbages.

	Pkt.	Oz.	Lb.
Tall Green Curled Scotch, a large and useful variety.....	5	10	80
Dwarf Green Curled, or German Greens, very hardy, a standard market sort.....	5	10	75

BRUSSELS SPROUTS. BRASSICA OLERACEA VAR.

Sow in May, in the same manner as Broccoli, and transplant in July. They become very tender when touched by frost. The numerous small heads, when boiled and dressed with butter, make the most delicious dish of vegetables on the table.

	Pkt.	Oz.
Imported, very compact, produces in great abundance the whole length of the stem.....	5	20

BROCCOLI. BRASSICA OLERACEA BOTRYTIS.

Sow early sorts as soon as the ground can be worked in the spring, in shallow drills drawn three or four inches apart. Plant out two feet apart each way, when plants are four inches high. Cultivate same as cabbage; rich soil. Closely allied to the Cauliflower.

	Pkt.	Oz.
Early Purple Cape, a distinct variety of a purple color, excellent flavor, the best for the North.....	10	40
Carter's Champion, a popular late sort.....	10	40

CABBAGE. BRASSICA OLERACEA CAPITATA.

Sow the early sorts in autumn, and protect by a cold frame during the winter, transplanting early in spring; or in hot-beds during February and March, and transplant middle of April; or sow the seed in open ground as early in the spring as the ground can be worked. Sow for later crop in April and May. They should be sown in shallow drills four to six inches apart. When the plants are six inches high, transplant into richly manured ground, the early kinds two feet apart; the later kinds, for winter use, three feet apart. The ground must be deeply loosened and worked thoroughly to grow large and good heads. Hoe often to kill weeds, and draw some earth up to the stems. If troubled by the cabbage flea, sprinkle the plant with soot, wood ashes, lime or Scotch snuff.

	Pkt.	Oz.	Lb.
Cabbage, Henderson's Early Summer, a popular market sort, very early, large and solid; comes in just after the Wakefield.....	10	50	6.00
Early Schweinfurth, a German variety, the earliest large drumhead, fine quality.....	5	25	2.50
Early Wyman, very popular early market sort, grows to a very large size, and best quality.....	10	40	5.00
Early Jersey Wakefield, true, a favorite variety in the markets of Boston and New York; is very early, medium size, good quality..	10	40	5.00
Early York, very early, valuable for spring and summer.....	5	15	1.25
Early Winningstadt, a splendid stock, one of the best in cultivation, comes both early and late, heads cone-shaped, solid and hard; does well in all soils.....	5	20	2.00
Large York, larger and somewhat later than Early York; good market sort.....	5	15	1.25
Late Drumhead, English, a large winter sort; very compact, large round head.....	5	20	1.25
Fottler's Improved Brunswick, undoubtedly the best early Drumhead variety in the market, often weighing 20 or 30 pounds. The quality is excellent. Comes into use in July and August, and later plantings produce fine winter cabbage.....	10	30	4.50
Stone Mason Drumhead, the standard late cabbage in the Boston market, very large solid head, tender and sweet.....	10	35	4.50
Marblehead Mammoth Drumhead, probably the largest kind of cabbage known, very solid head, sweet and tender, a profitable market variety, very reliable in heading.....	10	35	4.50
Premium Flat Dutch, very desirable for a winter market; keeps well..	5	30	3.50
Red Dutch, for pickling.....	10	20	2.50

Remit 16 cents per pound or fraction, extra, when ordered by mail.

SAVOY CABBAGE.

	Pkt.	Oz.	Lb.
Improved American , very reliable for heading, of superior flavor; much esteemed for family or market use.....	10	25	3.00
Carter's Little Pixie , a very distinct dwarf sort; the heart is compact and very firm; the best for domestic use.....	10	20	2.50

CARROTS. DAUCUS CAROTA.

Sow early varieties as soon as the ground can be worked in spring, on a border with warm aspect. The main crop should be sown about the first week in May, in drills about fifteen inches apart. Carrots do the best in sandy loam, well manured.

	Pkt.	Oz.	Lb.
Early French, Short Horn , very early, small, for table or stock.....	5	20	1.50
Scarlet Horn , one of the earliest; excellent for the table; color deep orange; will grow very well on thin soil.....	5	15	1.00
James' Intermediate , fine form and color, good for shallow or very heavy soils.....	5	15	1.00
Improved Long Orange , an improvement on Long Orange.....	5	10	.75
Large White Belgian , largest of all, very productive, good for horses; the crop can be pulled by hand.....	5	10	.75

CAULIFLOWER. BRASSICA OLERACEA BOTRYTIS CAULIFLORA.

Sow from the twentieth of May to the tenth of June, in open ground; transplant when large enough; cultivate same as cabbage, except to manure heavier and hoe oftener. In dry weather the Cauliflower requires abundance of water; hoe deep and draw the soil up to the stem.

	Pkt.	Oz.
Boston Market Improved Early Paris , a very popular American variety, extensively grown for the Boston Market.....	15	1.00
Lenormand's Early Short-stemmed , reliable for general cultivation, fine large well-formed heads.....	10	1.00
Henderson's Early Snowball , new, very early dwarf compact habit, very sure to head.....	25	
Veitch's Autumn Giant , the heads are magnificent, beautifully white, firm and compact; a valuable late sort. Some beautiful specimens were exhibited before the Mass. Horticultural Society last Autumn.....	10	1.00
Walcheren , a popular and valuable variety for early use; produces large white heads; resists the drought of summer better than many sorts	10	60

CELERY. APIUM GRAVEOLENS.

Sow in hot-bed, or very early in open ground, covering from frost; prick off into beds of the richest soil when the plants are two inches high, and shade them until established. Transplant into rows four or five feet apart, in well-manured trenches a foot in depth, half filled with well-rooted manure; set the plants from ten to twelve inches apart in the rows. In all stages, from sowing the seed till it has nearly finished its growth it requires an abundance of moisture. The seed is rather slow to germinate. Earth up to blanch three or four times during the season, taking care that no earth falls in the centre of the plant.

	Pkt.	Oz.	Lb.
Boston Market , true (<i>Crosby</i>), the most popular variety in the Boston market; clear white, dwarf, crisp and solid.....	10	50	
White Solid , white, crisp and solid, a popular market sort.....	5	20	2.00
Sealey's Leviathan White , very superior English variety.....	5	25	2.50
Carter's Dwarf Crimson , solid and compact.....	5	25	2.50
Turnip-rooted or Celery , forming turnip-shaped bulbs with celery flavor	5	20	2.50
Celery Seed , for flavoring soup or pickles.....	10		50

CHICORY. CICHORIUM INTYBUS.

Sow broadcast, or in drills, in June; and, as it advances in growth, continue covering with light soil or old tan. Ready for use in September.

	Pkt.	Oz.	Lb.
Large-rooted, or Coffee , used as a substitute for coffee.....	5	10	1.00

Remit 16 cents per pound or fraction, extra, when ordered by mail.

CORN, SWEET. ZEA MAYS.

Corn delights in a warm, rich soil. Do not plant until the weather is settled. If planted either in drills or hills, they should be about four feet apart each way. 10 cents per pint, 20 cents per quart, extra, when ordered by mail.

	Pkt.	Oz.
Black Sugar, or Mexican Sweet, sweetest and tenderest of all table varieties	10	20
Burnham's Sweet, a late variety, ears very large; from twelve to sixteen rows; very productive and of fine flavor.....	10	20
Early Minnesota, the earliest variety, very productive, of excellent quality..	10	20
Early Narragansett, a very early sort, ears small and fine flavor.....	10	20
Crosby's Early Twelve-Rowed, a favorite variety in Boston market; very productive; rich, sugary flavor.....	10	20
Mammoth Sweet, the largest variety, and late, from twelve to sixteen rowed; fine flavored and productive.....	10	20
Stowell's Evergreen Sweet, an excellent late sort, very large ears, keeps green until frost comes.....	10	20
Sweet Fodder, or Soiling Corn, the most desirable kind for feeding stock; \$2.50 per bushel by express.....		15
Early Canada, a small, early field variety.....	10	20

CRESS, or PEPPERGRASS. LEPIDIUM SATIVUM.

Sow thickly in shallow drills. That grown in the cool of the season is the best.

	Pkt.	Oz.	Lb.
Curled, the best sort	5	10	35
Water, to be planted on the borders of shallow water courses, or in moist situations.....	10	50	

CUCUMBER. CUCUMIS SATIVUS.

When early Cucumbers are desired, sow seed in a hot-bed, or later in a cold frame well covered. When the plants are large enough, place them in previously prepared hills, and protect on cold night with boxes. The seed should not be sown in the open garden until the ground has become warm. They should be hoed frequently, and not more than four plants allowed to stand in one hill. Sprinkle the vines with plaster to protect from insects.

	Pkt.	Oz.	Lb.
Early Russian, earliest in cultivation, about four inches long, in clusters	5	10	75
Green Cluster, bears in clusters, very early and productive.....	5	10	75
Frame, a standard variety for table or pickling, keeps well, early, short and prolific.....	5	10	75
White Spine, a popular sort, good bearer, and a good forcing variety	5	10	75
White Spine Improved, or Boston Market, an Improved White Spine, succeeds better than any other for forcing on a large scale with the Boston market gardeners. It is grown extensively South for the Northern market.....	5	15	90
Long Green Prickly, very productive, green and crisp, about 1 foot in length	5	15	1.00
West Indian Gherkin or Burr, a small and desirable sort for pickles, very prolific; the seed is slow to germinate.....	10	25	
Tailby's Hybrids, mixed, very beautiful, crisp, tender and fine flavored; excellent for market or table.....	5	15	
Boston Pickling, extensively used for pickling in Boston market.....	5	10	70

CUCUMBER,—Prize or Frame Varieties.

From five to ten seeds each.

Telegraph, (<i>Rollison's</i>) a fine winter sort, abundant cropper, answering in the forcing house or open ground.....	25
Marquis of Lorne, a new white spined variety, smooth skin, short neck, average length from thirty to thirty-six inches.....	25
Sooley Qua or Chinese Snake Cucumber, the fruit is of rapid growth, occasionally attaining the length of five feet, and from twelve to sixteen inches in circumference, and is used in a green state just when they attain their full size	25
General Grant, new, very fine, perfect in form, open ground for forcing.....	25
Remit 16 cents per pound or fraction, extra, when ordered by mail.	25



BRUSSELS SPROUTS.



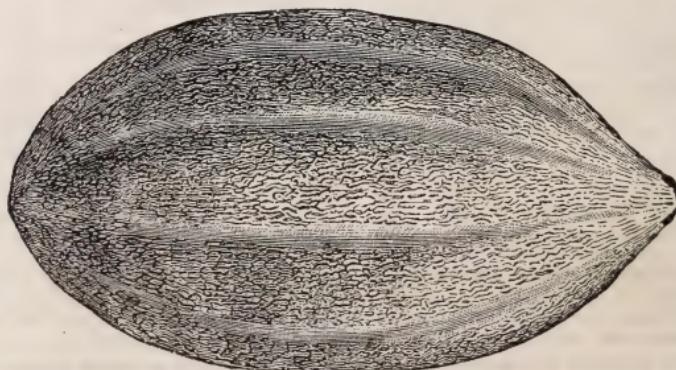
CELERIAC, OR TURNIP-ROOTED CELERY.



CURLED TALL SCOTCH BORECOLE.



MELON, GREEN CITRON.



MELON, CASSABA.

CORN SALAD, Fetticus, or Lambs' Lettuce. VALERIANELLA OLITORIA.

Hardy useful Salad, is used through autumn, winter and spring. Sow from August till cold weather.

	Pkt.	Oz.	Lb.
English	5	10	1.00

DANDELION. LEONTODON TARAXACUM.

Sow the seed in May, in drills ten inches apart, covering the seed one-half inch deep. The following spring the plants will be fit for use.

	Pkt.	Oz.	Lb.
Common	5	30	3.00
Improved, large leaved, double the size of the Common	15	70	

EGG PLANT. SOLANUM OVIGERUM.

Sow in a hot-bed; and, when three or four inches high, and the weather has become warm, transplant to good, rich soil, thirty inches apart each way in a sheltered part of the garden.

	Pkt.	Oz.
Early Long Purple, early and productive, good sort for a northern climate....	5	25
New York Improved Purple, a superior market sort, deep color, large size....	10	50
Black Pekin, a new variety, round, purple, very large.....	10	60

ENDIVE. CHICORIUM ENDIVIA.

For early use, sow as soon as the ground can be worked, in drills one foot apart; thin out, when two inches high, to ten inches apart; and when the leaves are eight or nine inches long, blanch, by gathering the leaves in the hand, and passing a piece of soft string or matting several times round and drawing the top to a point, which will prevent injury from rain penetrating to the centre of the plant. After this, draw a little earth to the plant to support it. The leaves are highly esteemed for salads.

	Pkt.	Oz.	Lb.
French, or Moss Curled, very finely curled, resembling a moss.....	5	20	2 00

KOHL-RABI, OR TURNIP ROOTED CABBAGE.

BRASSICA CAULO RAPA.

Sow same as Ruta Baga; in earthing up the plant, the bulb must not be covered. Ready for use when it has attained its full size. When fully matured, are good for stock.

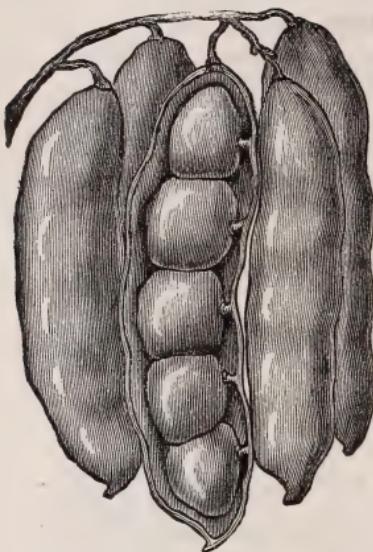
	Pkt.	Oz.
Early White Vienna, a fine early kind, for table use.....	5	25
Large Purple, very large, hardy and productive, for stock.....	5	15

LETTUCE. LACTUCA SATIVA.

Lettuce succeeds best in a rich and comparatively moist soil; the more rapidly the plants are grown the more tender and brittle will be their quality. Early sorts can be sown in February and March under glass, and later in the open ground, and thinned to 8 or 10 inches in the rows for heading sorts.

	Pkt.	Oz.	Lb.
All the Year Round, new, a very fine variety for successful sowings....	5	25	2.50
Early Curled Silesia, very early, tender and sweet, makes a good head,	5	20	2.00
Early Curled Simpson, this does not head, but forms a close compact mass of leaves; early, good for forcing.....	5	25	2.50
Boston Market, or Early Tennisball, white seed, for growing under glass; very early, heads well formed, hard and crisp.....	5	25	2.50
Tennisball, black seed, for out-door culture, heads small, fine and tender.....	5	25	2.50
Curled, the finest; forms a compact mass, and rosette of curled leaves	10	20	2 25
Perpignan, a fine German sort, excellent for a hot climate, does not run to seed as most other varieties.....	10	25	3.00
Paris White Cos, one of the best Cos sorts; should be tied up to blanch ten days before cutting.....	5	20	2.00
New American Gathering, or Curled; the leaves are edged with violet, and are exceedingly tender and fine flavored. They are fit for use from spring until autumn.....	5	15	1.50
Hanson, very large, and deliciously sweet and tender.....	5	20	2.00

Remit 16 cents per pound or fraction, extra, when ordered by mail.



BEANS, Dreer's Improved Lima.



MELON, NUTMEG.



PEA, F. G. WILSON.



PARSLEY, CHAMPION MOSS CURLED.

LEEK. ALLIUM PORRUM.

Sow thinly, in very rich soil, as soon as it can be worked, in rows of ten inches apart; when four inches high, thin out to six inches in the rows; if the largest growth is desired, they should be transplanted from the seed bed ten inches apart each way, and well watered.

	Pkt.	Oz.
Broad London Flag , a short plant, with broad leaves, only on two sides.....	5	15
Musselburg , short stem, very thick, broad leaves, very fine.....	5	30

MARTYNIA. MARTYNIA PROBOSCIDIA.

Sow in open ground in May, one plant to a hill, and three feet apart, each way.
Martynia, for pickling.....

Pt.	Oz.
10	30

MELON, MUSK VARIETIES. CUCUMIS MELO.

Select a warm light soil, and sow ten or twelve seeds when the ground is warm, in hills five or six feet apart, and thin out, when danger from bugs is past, to four plants to a hill. When the vines are a foot long pinch off the end, which will cause the fruit to mature early. The hills must be made rich with thoroughly decomposed manure. Sprinkle the young plants with plaster, or air-slacked lime.

	Pkt.	Oz.	Lb.
Early Christina , green, with yellow flesh; fine flavor; remarkably early.....	5	10	1.00
Nutmeg , green flesh, highly scented, very fine.....	5	10	1.00
Skillman's Fine Netted , the earliest of the green fleshed melons, excellent flavor.....	5	10	1.00
White Japan , from Japan, very early, flesh greenish white, sweet and delicious.....	5	10	1.00
Green Citron , flesh green, sweet, melting, high flavored.....	5	10	1.00
Cassaba , new, a very large Muskmelon, of delicious flavor.....	5	10	1.00
Large Yellow Cantelope , a good sized melon, salmon-colored flesh, musk flavor.....	5	15	1.00
Large Musk , very green, flesh very black, musky flavor, used for mangoes when green.....	5	10	1.00

MELON, WATER. CUCURBITA CITRULLUS.

Mountain Sweet , one of the best for Northern cultivation, early, very long oval, sweet and delicious.....	5	10	90
Phinney's Early , fine early market sort, flesh bright red, solid and sweet.....	5	15	1.00
Ice Cream , (white seed), very early, nearly round, of superior quality, very thin red.....	5	10	90
Orange , oval form, red flesh, sweet and good.....	5	10	1.00
Citron , for preserving, very hardy and productive.....	5	10	1.00

MUSHROOM. AGARICUS CAMPESTRIS.

Best Mill-track Mushroom Spawn, per pound, 12c.; by mail, 25c. per pound; eight pounds for \$1.00, by express, paid by purchaser.

MUSTARD. SINAPIS VAR.

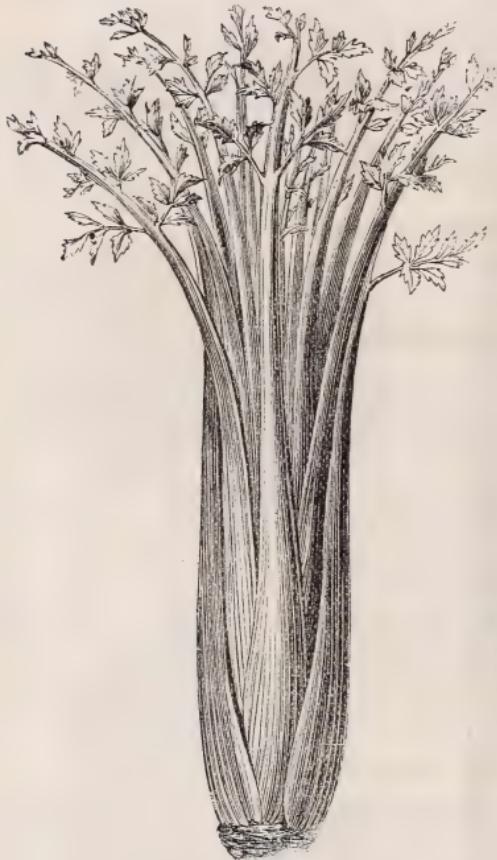
Sow in shallow drills, six inches apart, every week or two during the season. Used chiefly for salads.

	Pkt.	Oz.	Lb.
White, or Yellow , for salads or medical use.....	5	10	.40
Black, or Brown , for culinary use.....	5	10	.50

OKRA, or GOMBO. HIBISCUS ESCULENTUS.

Sow when the ground has become warm, in hills two and a half feet apart and thin to three plants in a hill.

	Pkt.	Oz.	Lb.
Long Green Improved , long-ribbed pods.....	5	10	.60
Remit 16 cents per pound, or fraction, extra, when ordered by mail.			



CELERY.—SEALEY'S LEVIATHAN.

LETTUCE.
Early Curled Simpson.

LETTUCE.—ALL THE YEAR ROUND.



CARROT. EARLY HORN.



LETTUCE. PARIS WHITE COS.



RADISH. LONG SCARLET.

ONION. ALLIUM CEPA.

A rather strong, deep, rich, loamy soil is best suited to this crop. Apply from ten to twelve cords of well decomposed compost to the acre, and plow in shallow and thoroughly cultivate; it will be an advantage to cross-plow and cultivate again, or rake in sections after the second ploughing. Sow the seed thinly, in rows about twelve inches apart. Keep the ground thoroughly clean from weeds. They succeed equally well on the same ground a number of years in succession.

	Pkt.	Oz.	Lb.
Early Red , very early, productive, a good keeper.....	5	40	4.50
Large Red Wethersfield , large size, pleasant flavored, a profitable sort, keeps well	10	30	3.50
Danver's Yellow , very early and productive, keeps well, a popular market sort.....	10	40	4.25

NEW ITALIAN ONIONS.

Giant White Tripoli , immensely large white skin.....	10	30	3.00
Large Red Italian Tripoli , very large, red skin.....	10	30	3.00
New Giant Rocca of Naples , very large, delicate flavor, globular form..	10	30	3.50
New Queen , if sown early, will produce onions one or two inches in diameter, early in summer; will keep sound a year; excellent, mild flavored; good for pickles.....	10	40	4.50

PARSLEY. PETROSELINUM SATIVUM.

Sow early in spring, in rich soil, drills one foot apart; thin out to four inches apart. The seed germinates very slowly, so that it will be found of great advantage to soak it in warm (not hot) water, several hours before sowing.

Curled, or Double , dwarf and tender, leaves beautifully curled, used for garnishing the table.....	5	10	75
Champion Moss Curled , new, elegant variety for garnishing.....	5	10	80
Fern-Leaved , most superb form of parsley, being more like crested fern or the most beautiful moss; worthy of being grown as a pot plant for decoration.....	10	20	

PARSNIP. PASTINACA SATINA.

Sow in deep, rich soil, in drills fifteen inches apart, one inch deep, as soon as the ground is in good working condition. Hoe often. A very nutritious vegetable. The parsnip is excellent for cows and pigs.

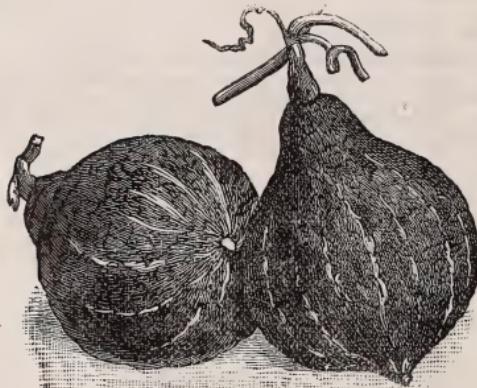
Abbott's Improved Hollow Crown , largest and best for general use....	5	10	50
New Maltese , an excellent English variety, great improvement in texture and quality over any other sort.....	5	10	75

PEPPER. CAPSICUM.

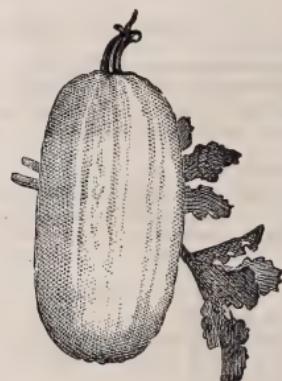
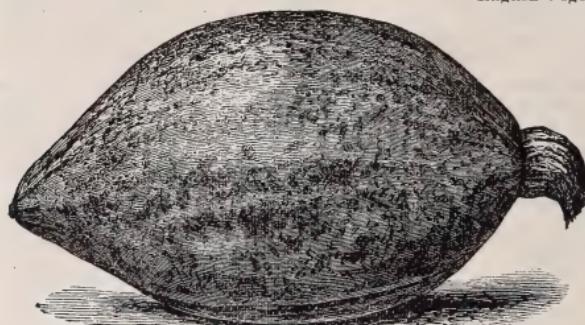
Sow in hot-bed the first week in April, in drills six inches apart, and transplant to open ground when the soil has become warm, fifteen inches apart each way; at about the same time, they may be sown out of doors, in drills eighteen inches apart, and finally thinned out about twelve inches in the rows. The ground should be made very rich by a liberal supply of manure before planting, or afterwards by an application of guano or other fertilizer.

Chili , conical, about two inches in length, brilliant scarlet when ripe.....	5	50	
Cayenne , pods cone-shaped and red when ripe; best for seasoning pickles.....	5	30	
Cherry , small, smooth and round, dwarf, a great bearer, color scarlet.....	5	30	
Long Red , coral red; 4 inches long; very productive.....	5	25	
Squash , tomato shaped, best sort for pickling; a great favorite, very productive.....	5	30	
Monstrosium, or Grossum , a new French sort, very large, good for mangoes..	5	30	
Sweet Spanish , the earliest of all; sweet, mild and pleasant flavor; used for pickles and salads	5	35	
Sweet Mountain, or Mammoth , very large, fine for mangoes.....	5	30	
Large Bell, or Bull Nose , pods large, sweet and pleasant; a standard sort, much used for pickling.....	5	30	

Remit 16 cents per pound or fraction, extra, when ordered by mail.



HUBBARD SQUASH.

SQUASH.
English Vegetable Marrow.

MARBLEHEAD SQUASH.



ITALIAN ONION.

PUMPKIN. CUCURBITA PEPO.

Sow in hills, eight feet apart, when the ground has become warm.

	Pkt.	Oz.	Lb.
Large Cheese , hardy, very productive, reddish orange skin.....	5	10	60
Connecticut Field , a large, yellow sort for field culture.....	5	10	50
Large Tours, or Mammoth , varying from one hundred to two hundred and fifty pounds.....	10	30	

PEAS. PISUM SATIVUM.

For an early crop, sow as soon as the ground can be worked, in a warm situation, and on soil manured the previous year, in rows three feet apart, and covered three inches deep. Bush the tall growing kinds when about six inches high. 15 cents per pint, 25 per quart extra, when ordered by mail.

	Pkt.	Qt.
Extra Early Premium Gem , a new early dwarf wrinkled pea; an improvement on the Little Gem; 1 foot.....	10	45
Carter's First Crop , productive, good flavor, 2½ feet.....	10	30
Laxton's Alpha , a splendid early wrinkled pea, the best early sort.....	10	45
Early Daniel O'Roune , very productive, a good market sort, 3 feet.....	10	30
Tom Thumb , very early and productive, 1 foot.....	10	35
McLean's Little Gem , an early wrinkled sort, good bearer, excellent, 1 foot..	10	35
Blue Peter , a delicious dwarf pea, wonderfully productive.....	10	45
Advancer (McLean's), a wrinkled pea; two weeks earlier than Champion of England: very prolific; a profitable pea for market; 2 feet.....	10	30
Champion of England , an old, standard sort, of delicious flavor; one of the best for general crop, 4 feet.....	10	25
Veitch's Perfection , a wrinkled sort; very prolific; fine flavored; 3 feet.....	10	50
G. F. Wilson , an improvement on the preceding; a week earlier; of exquisite flavor, 3 feet.....	10	50

RADISH. RAPHANUS SATIVUS.

For early use, sow in gentle hot-bed in February, and out of doors as soon as the soil can be worked. Sow in drills eight inches apart, and thin to two inches in the rows. The soil should be very light, rich and mellow; as the roots are more succulent when grown quickly. For a succession, sow every two weeks. The turnip-rooted and olive-shaped are best for summer sowing.

	Pkt.	Oz.	Lb.
Scarlet Turnip , quick-growing, mild and crisp when young.....	5	10	60
White Turnip , white flesh color, like Scarlet in shape.....	5	10	70
Scarlet Olive-Shaped , very early, quick growth, tender.....	5	10	70
French Breakfast , a quick-growing sort, of exquisite flavor; scarlet, olive- shaped, with white tip; one of the best in cultivation.....	5	10	70
Early Short Top , long scarlet; the standard market variety; flesh white, crisp, good flavor.....	5	10	50
Wood's Early Frame , excellent sort for forcing; half-long scarlet.....	5	10	70
China Winter Rose , skin rose, flesh white, tender.....	5	10	80

RHUBARB. RHEUM HYBRIDUM.

Sow in spring, in drills one foot apart. The following spring, transplant to deep, rich soil, four feet apart each way.

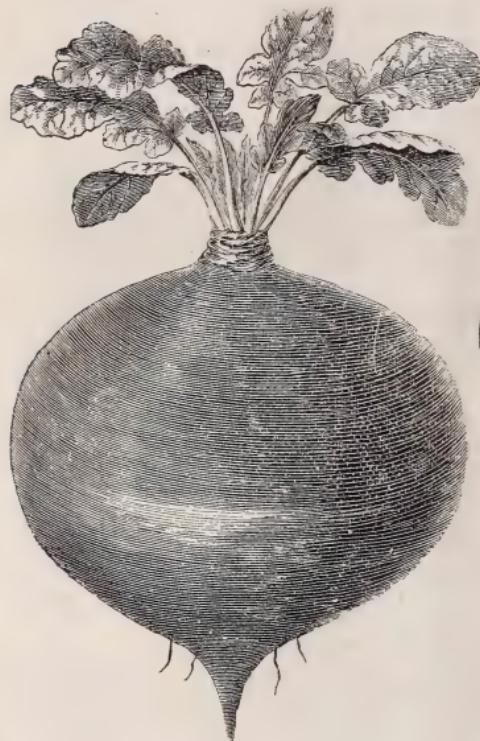
	Pkt.	Oz.
Victoria , large and fine for cooking, one of the best.....	5	20
Linnæus , large, a very fine sort.....	5	20

SPINACH. SPINACIA OLERACEA.

Sow the summer variety thinly, in drills fifteen inches apart. The best soil is a strong, deep and rich loam; if very heavy it must be well drained. For the winter, or prickly, a light soil is best; and the beds in which it is sown should be raised a few inches above the surrounding soil. Protect during winter with fir boughs or litter.

	Pkt.	Oz.	Lb.
Round, or Summer , the popular summer sort.....	5	10	40
Prickly, or Winter , the hardest for autumn sowing; protect slightly during winter.....	5	10	40
Savoy-Leaved , large, grown in Norfolk, Va., for Northern markets....	5	10	40

Remit 16 cents per pound or fraction, extra, when ordered by mail.



RUTA BAGA. Carter's Imperial Hardy.



TURNIP. Jersey Navel.

PARSNIP.
Improved Hollow Crown.

TOMATO, EARLY ROUND ESSEX.



PEPPER, LONG RED.

SALSIFY. TRAGOPOGON PORRIFOLIUS.

Sow in drills one inch deep, fourteen inches apart, and thin the plants to three or four inches in the row. Ready for use in October; can remain in the ground all winter. When cooked, has the flavor of oysters.

	Pkt.	Oz.	Lb.
Salsify, or Oyster Plant	5	20	2.25
Scorzonera, or Black Salsify	5	20	

SQUASH. CUCURBITA MELO-PEPO.

These, in common with Cucumber, Melon, and other seeds of the same class, ought not to be sown until the weather has become warm and settled; the hills should be made very rich, and not more than three plants left in each. Keep the vines well covered with plaster when young, to protect from bugs.

	Pkt.	Oz.	Lb.
Early Yellow Bush, scalloped , deep orange yellow; for summer use.....	5	10	75
White Bush, scalloped , very early, white, for summer use.....	5	10	75
The above is known as Patty-Pan in the Southern States.			
Summer Crookneck , very early and productive; for summer use.....	5	10	75
Fall or Winter Crookneck , for fall and winter use, fair quality.....	5	10	1.00
Boston Marrow , the standard Boston market sort; color, rich orange; very productive; keeps well in winter.....	5	10	90
Hubbard , very dry and sweet; hard shell; will keep longer than any other sort.....	5	10	90
Marblehead , harder shell than the Hubbard, better flavored, and keeps even better than that fine sort.....	5	10	90
Turban Improved American, or Turk's Cap , the finest and richest flavored of all the Autumn Squashes, but will not keep well in winter.....	5	10	1.00
Mammoth , very productive; of immense size—from 100 to 300 pounds; good for stock.....	10	50	
Butman , resembles very much the Hubbard; of a bright green, interspersed with white; remarkably dry, sweet and delicious, keeping as well as the Hubbard.....	5	15	1.00
Moore's Vegetable Cream , this is a great acquisition. As a summer variety, it should be used before the hard shell forms, in the autumn excellent for pies. An English Vegetable Marrow; in shape oblong.....	10	15	1.50

TOMATO. SOLANUM LYCOPERSICUM.

Sow in March on hot-bed; and, when two or three inches high, transplant to boxes; shade until established. They may be started in pots or boxes in the window, or, later in the open ground, when the soil has become warm. The richer the soil, the more abundant and handsome will be the fruit. A light soil and warm location will tend to develop an earlier crop.

	Pkt.	Oz.
Acme , early, of unequalled excellence; of uniform size, the best market sort, round, very solid, pinkish color, very productive, it has no green core..	10	30
Early Round Essex , very early; solid and smooth; extremely prolific; one of the best sort.....	5	25
Canada Victor , a new sort from Canada; large, solid and productive.....	5	25
Trophy , very large, generally smooth and solid; extra selected.....	5	40
General Grant , a popular market sort; smooth and round, very productive....	5	25
Boston Market , one of the best for market or private use.....	5	25
Hathaway's Excelsior , early, smooth, solid, and of best quality; excellent market sort.....	5	25
The Conqueror , claimed to be the earliest sort in cultivation; good size, deep red, solid and productive.....	5	25
Fejee Island, or Lester's , large size, fine flavor, pinkish red, a good late sort..	5	30
Large Yellow , very large; color, bright yellow.....	5	25
Strawberry, or Ground Cherry , a distinct species, with the strawberry flavor; grows in a husk; will keep in husk all winter; good for preserving.....	10	25
French Tree, or Tomato de Laye , grows erect, in tree form; very ornamental; shy bearer.....	10	
Green Gage , it is very prolific, bearing clusters of fruit, of a beautiful citron color; and is very solid.....	5	25

Remit 16 cents per pound or fraction, extra, when ordered by mail.

TOBACCO. NICOTIANA.

	Pkt.	Oz.
Connecticut Seed Leaf.....	30	
Havana, imported.....	15	60
Virginia, James River.....	15	40

TURNIP. BRASSICA RAPA.

For early use, sow in fifteen-inch drills as soon as the ground can be worked, and thin to five inches in the rows. For main crop, sow from last week in July to last week in August. Cover the seed lightly. Sow just before rain, if possible, as the success of this crop depends upon a quick, early growth. For field culture, Turnips are usually sown broadcast; but much larger crops are obtained by cultivating in drills, particularly of the Ruta Baga.

WHITE FLESH VARIETIES.

	Pkt.	Oz.	Lb.
Early Six Weeks, pure white, early, handsome.....	5	10	70
Snowball, fine white, round, smooth and handsome.....	5	10	70
White Flat Dutch, medium size, white, of quick growth; can be used spring or fall.....	5	10	70
Red, or Purple-Top Strapleaf, a popular market sort; mild, sweet, and a rapid grower; the best kind for spring or fall.....	5	10	70
White-Top Strapleaf, pure white, flat turnip; a popular sort.....	5	10	70
Jersey Navel, an oblong, white variety, of sweet, mild flavor, growing underground; fine for table use.....	5	10	70

YELLOW FLESH VARIETIES.

	Pkt.	Oz.	Lb.
Yellow Malta, very handsome, early, small-bulbed, fine-grained and good.....	5	10	70
Aberdeen, hardy, productive, tender, solid, valuable for table or stock.....	5	10	60
Robertson's Golden Stone, or Orange Jelly, a superior sort; quick growth, fine flavor; excellent for table or stock; a good keeper.....	5	10	70

TURNIP, Ruta-Baga. BRASSICA CAMPESTRIS NABO-BRASSICA.

Ruta-Baga, or Swedes, should be sown from the middle of June to the 1st of July; sow in drills two feet apart, and thin to ten inches; plant in dry land, thoroughly enriched. Turnips are particularly useful for feeding to stock in winter.

	Pkt.	Oz.	Lb.
White French, or Sweet German, large white, sweet; retains its freshness and solidity until spring.....	5	10	70
Skirving's Purple-Top, a standard variety; large size; quick grower; an excellent field sort for table or stock; yellow flesh; good for shallow soils.....	5	10	50
Laing's Improved, one of the handsomest sorts in cultivation; of best quality; yellow fleshed; for table use.....	5	10	50
Carter's Imperial Hardy, very productive; claimed to be the best purple top grown.....	5	10	70

SWEET AND POT HERBS.

Cultivate in rich, open soil. Sow in spring, in drills, and thin out to four or more inches apart. Some judgment should be exercised in gathering herbs to preserve in a dry state. They should be cut when not quite in bloom, and on a dry day. Dry them quickly out of the sun.

	Pkt.	Oz.	Pkt.	Oz.
Anise (Tragium Sativum).....	5	10	Marjoram, Sweet or Knotted (Ori-	
Basil Sweet (Ocymum Basilicum).....	5	30	ganum Majorana).....	5 25
Caraway (Carum Carui).....	5	10	Rosemary (Rosemarinus Officinalis).....	5 50
Catnep (Nepeta Cataria).....	10	60	Sage (Salvia Officinalis) per lb. \$2.50	
Coriander, (Coriandrum Sativum).....	5	10	Savory Summer (Satureia Hor-	
Dill (Anethum Graveolens).....	5	10	tensis).....	5 15
Fennel (Anethum Foenidulum).....	5	10	Saffron (Carrthamus Tinctorious),	
Horehound (Marrubium Vulgare).....	10	30	(annual).....	5 15
Hyssop (Hyssopus Officinalis).....	5	20	Thyme (Thymus Vulgaris).....	5 25
Ice Plant (Mesembryanthemum Crystallinum).....	5	30	Wormwood (Artemesia Absinthium).....	5 30
Lavender (Lavendula Spica).....	5	25		

Evidence of Quality.

The Turnip Seed which I bought of you last July was the best I ever grew; the roots were very smooth and fine in quality. I took the first prize at the Exhibition of the Mass. Hort. Society, in Sept. JAMES COMLEY.

Remit 16 cents per pound or fraction, extra, when ordered by mail.

ROSE COTTAGE GREEN-HOUSES, LEXINGTON, MASS.

SPOONER'S LAWN GRASS MIXTURE.

FOR LIGHT, MEDIUM AND HEAVY SOILS.

Per Bush., \$3.50; per Pk., \$1.00; per Qt., 20c. Two Bushels or more, \$3.00, by express. Extra Fine, per Bushel, \$4.00, by express. No charge for bags.

From three to four bushels are required to the acre for forming new lawns.

Hints on the Formation and Improvement of Garden Lawns.

A good close velvety turf is one of the most ornamental objects in a landscape, and often-times the most difficult to obtain.

In the first place, careful preparation of the ground proposed to be laid down to turf is necessary. This should be commenced in the winter by draining, if found requisite, and digging to the depth of six or twelve inches, according to the nature of the soil. When this has been done, the land should be levelled and made firm with a roller, and subsequently raked, to remove stones, &c. Should the natural soil be too stony, it will be advisable to procure a supply of good loam, and spread it over the land to the depth of two or three inches. If the soil is poor, some well rotted stable dung will be very beneficial. In April, after the ground has been made thoroughly fine and clean, a heavy roller should again be used to make it perfectly level; and as the subsequent appearance of the Lawn depends in a great measure on this part of the preparation, we cannot too strongly urge the importance of its being well done. The ground should then be evenly raked, and the seed sown. April and September are the best months for sowing, but it may be sown in Spring as late as the middle of May, and from the last week in August until the middle of October.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Frequent mowing and rolling are indispensable to maintain the turf in good order. Mowing machines are excellent after a comparatively close turf is established, but the first six months after sowing we recommend the use of the scythe.

For Lawns requiring improvement, sow fresh seed, at the rate of about one bushel per acre, either in the spring or autumn, using a small tooth rake, and rolling afterwards.

Clover, White Dutch (*Trifolium repens*).....per lb., by mail, 56c.; by express, 40c.

VARIOUS GRASSES.

Red-Top Grass (*Agrostis vulgaris*). Desirable as a mixture in either pasture or lawn grasses; will grow almost anywhere. About 2 bushels to the acre (14 lbs. to bushel). Per packet, 5c.; per quart, 10c.; per bushel, \$1.50.

Kentucky Blue Grass (*Poa Pratensis*), known as June Grass, thrives best in dry soils, producing herbage early in the season; valuable as a mixture with other grasses for lawns; 14 lbs. to bushel, 1½ to 3 bushels to the acre. Per pkt., 5s.; per quart, 10c.; per bushel, \$2.00.

Rhode Island Bent Grass (*Agrostis stolonifera*), an excellent variety for lawns, 11 lbs. to bushel, 2 to 3 bushels to the acre. Per pkt., 10c.; per quart, 15c.; per bushel, \$3.50.

Timothy, or Herds Grass (*Phleum pratense*). More extensively grown than any other variety, more productive and nutritious than any other kind; 45 lbs. to a bushel, ½ to 1 bushel to the acre. Per pkt., 10c., market price.

These prices are subject to slight variations in the market, in quotations by the bushel, express to be paid by purchaser.

Remit 16c. per pound, or 10c. per quart, extra, when ordered by mail.

Quantity of Vegetable Seeds, &c., Generally Used per Acre.

Beans, dwarf, in drills, 1½ to 2 bush.	Onion, 4 to 6 lbs.	Salsify, in drills, 8 to 10 lbs.
Beans, pole, in hills, 10 to 12 quarts.	Onion, for Sets, in drills, 20 lbs.	Spinach, in drills, 10 to 12 lbs.
Beet, 4 to 6 lbs.	Onion Sets, in drills, 10 bush.	Squash, bush varieties, in hills, 3 to 4 lbs.
Cabbage, in hills, 8 oz.	Top Onion Sets, 1 to 1½ bush.	Squash, running varieties, in hills, 2 to 2½ lbs.
Carrot, 3 to 5 lbs.	Parsnip, 3 to 5 lbs.	Tomato, in bed, to transplant, 2 oz.
Chinese Sugar Cane, 10 to 12 lbs.	Pea, 1½ to 2 bush.	Turnip, broadcast, 3 to 4 lbs.
Mangel Würzel, in drills, 4 lbs.	Potatoe (cut tubers), 10 bush.	Turnip, in drills, 1 to 1½ lbs.
Musk Melon, in hills, 2 to 3 lbs.	Pumpkin, in hills, 5 to 6 lbs.	
Water Melon, in hills, 4 to 5 lbs.	Radish, in drills, 6 to 8 lbs.	
Millet, ½ bush.	Ruta Baga, 1 to 1½ lbs.	
Mustard, broadcast, ½ bush.	Sage, in drills, 4 to 6 lbs.	

Quantity of Vegetable Seeds Generally Used for a Given Length of Drill.

Asparagus, 1 oz. for 60 feet.	Onion Sets, 1 qt. for 20 feet.	Radish, 1 oz. for 100 feet.
Dwarf Beans, 1 qt. for 100 feet.	Okra, 1 oz. for 40 feet.	Salsify, 1 oz. for 70 feet.
Beet, 1 oz. for 50 feet.	Okras, 1 oz. for 150 feet.	Spinach, 1 oz. for 100 feet.
Carrot, 1 oz. for 300 feet.	Parsley, 1 oz. for 200 feet.	Turnips, 1 oz. for 300 feet.
Endive, 1 oz. for 150 feet.	Parsnip, 1 oz. for 200 feet.	
Onion, 1 oz. for 200 feet.	Peas, small, 1 qt. for 180 feet.	
	Peas, large, 1 qt. for 140 feet.	

Catalogues mailed free to applicants.

SPOONER'S
BOSTON MARKET



CABBAGE, MARBLEHEAD MAMMOTH DRUMHEAD.

VEGETABLE SEEDS.